



# Recombinant Human Melanoma-associated antigen D1 (MAGED1)

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| <b>Product Code</b>      | CSB-EP896916HU-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Abbreviation</b>      | MAGED1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Uniprot No.</b>       | Q9Y5V3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequence</b>          | MAQKMDCGAG LLGFQAEASV EDSALLMQTL MEAIQISEAP PTNQATAAAS<br>PQSSQPPTAN EMADIQVSAA AARPksAFKV QNATTKGPNG VYDFSQAHNA<br>KDVPNTQPKA AFKSQNPATPK GPNAAYDFSQ AATTGELAAN KSEMAFKAQN<br>ATTKVGNAT YNFSQSLNAN DLANSRPKTP FKAWNDTTKA PTADTQTQNV<br>NQAKMATSQA DIETDPGISE PDGATAQTS A DGSQAQNLES RTIIRGKRTR<br>KINNLNVEEN SSGDQRRAPL AAGTWRsAPV PVTTQNPPGA PPNVLWQTPL<br>AWQNPSGWQN QTARQTTPPAR QSPPARQTPP AWQNpVAWQN<br>PVIWPNPVIW QNPVIWPNPI VWPGPVWPN PLAWQNPPGW<br>QTPPGWQTPP GWQGPPDWQG PPDWPLPPDW PLPPDWPLPT<br>DWPLPPDWIP ADWPIPPDWQ NLRPSNLRP SPNSRASQNP GAAQPRDVAL<br>LQERANKLVK YLMLKDyTKV PIKRSEMLRD IIREYTDVYP EIIRACFVL<br>EKKFGIQLKE IDKEEHLYIL ISTPESLAGI LGTTKDTPKL GLLLVLGVI<br>FMNGNRASEA VLWEALRKMg LRPgVRHPLL GDLRKLlTYE FVKQKYLDYR<br>RVPNSNPPEY EFLWGLRSYH ETSKMKVLRf IAEVQKRDP R DWTAQFMEAA<br>DEALDALDAA AAEAEARAEA RTRMGIGDEA VSGPWSWDDI EFELLTWDEE<br>GDFGDPWSRI PFTFWARYHQ NARSRFpQTF AGPIIGPGGT ASANFAANFG<br>AIGFFWVE |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>      | MAGED1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Names</b>     | Recommended name: Melanoma-associated antigen D1 Alternative name(s):<br>MAGE tumor antigen CCF MAGE-D1 antigen Neurotrophin receptor-interacting<br>MAGE homolog                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Expression Region</b> | 1-778                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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**Target Details**

This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although This protein shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.