



Recombinant Human Melanoma-associated antigen D2 (MAGED2)

Product Code	CSB-EP891976HU-B
Abbreviation	MAGED2
Storage	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.
Uniprot No.	Q9UNF1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SDTSESGAG LTRFQAEASE KDSSSMQTL LTVTQNVEVP ETPKASKALE VSEDEVKVS KA SGVSKATEVS KTPEAREAPA TQASSTTQLT DTQVLAAENK SLAADTKKQN ADPQAVTMPA TETKKVSHVA DTKVNTKAQE TEAAPSQAPA DEPEPESAAA QSQENQDTRP KVKAKKARKV KHL DGEEDGS SDQS QASGTT GGRRVSKALM ASMARRASRG PIAFWARRAS RTRLAAWARR ALLSLRSPKA RRGKARRRAA KLQSSQEPEA PPRRDVALLQ GRANDLVKYL LAKDQTKIPI KRSDMLKDII KEYTDVYPEI IERAGYSLEK VFGIQLKEID KNDHLYILLS TLEPTDAGIL GTTKDSPKLG LLMVLLSIIF MNGNRSSEAV IWEVLRKLGL RPGIHHSLFG DVKKLITDEF VKQKYLDYAR VPNSNPPEYE FFWGLRSYYE TSKMKVLKFA CKVQKKDPKE WAAQYREAM E ADL KAAA EAA AEAKARAEIR ARMGIGLGSE NAAGPCNWDE ADIGPWAKAR IQAGAEAKAK AQESGSASTG ASTSTNNSAS ASASTSGGFS AGASLTATLT FGLFAGLGGA GASTSGSSGA CGFSYK
Source	E.coli
Target Names	MAGED2
Protein Names	Recommended name: Melanoma-associated antigen D2 Alternative name(s): 11B6 Breast cancer-associated gene 1 protein Short name= BCG-1 Hepatocellular carcinoma-associated protein JCL-1 MAGE-D2 antigen
Expression Region	2-606
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is a member of the MAGED gene family. While the MAGEA and MAGEB genes are silent in normal tissues with the exception of testis and placenta, the MAGED genes are expressed ubiquitously. The MAGED genes are clustered on chromosome Xp11. This gene is located in Xp11.2, a hot spot



for X-linked mental retardation (XLMR). Multiple alternatively spliced transcript variants have been found for this gene, however, the full length nature of some variants has not been defined.

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.

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.