



Recombinant Human Melanoma-associated antigen B3 (MAGEB3)

Product Code	CSB-BP013343HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15480
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPRGQKSTLH AREKRQQTRG QTQDHQGAQI TATNKKKVSF SSPLILGATI QKKSAGRSRS ALKQPQRALS TTTSVDVSYK KSYKGANSKI EKKQSFSQGL SSTVQSRTDP LIMKTNMLVQ FLMEMYKMKK PIMKADMLKI VQKSHKNCFP EILKKASFNM EVVFGVDLKK VDSTKDSYVL VSKMDLPNNG TVTRGRGFPK TGLLLNLLGV IFMKGNCATE EKIWEFLNKM RIYDGKKHFI FGEPRKLITQ DLVCLKYLEY RQVPNSNPAR YEFLWGPRAH AETSKMKVLE FWAKVNKTVP SAFQFWYEEA LRDEEERVQA AAMLNDGSSA MGRKCKSKAKA SSSSHA
Source	Baculovirus
Target Names	MAGEB3
Protein Names	Recommended name: Melanoma-associated antigen B3 Alternative name(s): MAGE-B3 antigen
Expression Region	1-346
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 protein
Target Details	This gene is a MAGE-B subfamily member of the MAGE gene family. MAGE family member proteins direct the expression of tumor antigens recognized on a human melanoma by autologous cytolytic T lymphocytes. There are two known clusters of MAGE genes on chromosome X. The members of the MAGE-A subfamily are located in the Xq28 region, while the members of the MAGE-B subfamily are clustered in the Xp21 region.
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.