Melanoma-Associated Antigen E2 (MAGEE2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Melanoma-associated antigen E2 (MAGEE2), Recombinant Protein
Full Product Name	Recombinant Human Melanoma-associated antigen E2 (MAGEE2)
Product Gene Name	MAGEE2 recombinant protein
Product Synonym Gene Name	MAGEE2
Sequence	MSLVSQNARH CSAEITADYG DGRGEIQATN ASGSPTSMLV VDAPQCPQAP INSQCVNTSQ AVQDPNDLEV LIDEQSRRLG ALRVHDPLED RSIALVNFMR MKSQTEGSIQ QSEMLEFLRE YSDQFPEILR RASAHLDQVF GLNLRVIDPQ ADTYNLVSKR GFQITDRIAE SLDMPKASLL ALVLGHILLN GNRAREASIW DLLLKVDMWD KPQRINNLFG NTRNLLTTDF VCMRFLEYWP VYGTNPLEFE FLWGSRAHRE ITKMEALKFV SDAHDEEPWS WPEEYNKALE GDKTKERSLT AGLEFWSEDT MNDKANDLVQ LAISVTEEML PIHQDELLAH TGKEFEDVFP NILNRATLIL DMFYGLSLIE VDTSEHIYLL VQQPESEEEQ VMLESLGRPT QEYVMPILGL IFLMGNRVKE ANVWNLLRRF SVDVGRKHSI TRKLMRQRYL ECRPLSYSNP VEYELLWGPR AHHETIKMKV LEYMARLYRK RPQNWPEQYR EAVEDEEARA KSEATIMFFL DPT
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	60,378 Da
Sequence Positions	1-523, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	300760
3D Structure	ModBase 3D Structure for Q8TD90
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MAGEE2 recombinant protein	MBS1471557 is a recombinant protein targeting MAGEE2. Also known as Recombinant Human Melanoma-associated antigen E2 (MAGEE2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MAGEE2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAGEE2. It may not necessarily be applicable to this product.

NCBI GI #	20162570

NCBI GeneID	139599
NCBI Accession #	NP_619648.1
UniProt Primary Accession #	Q8TD90
UniProt Secondary Accession #	Q5JSI5
UniProt Related Accession #	Q8TD90
GenBank Nucleotide #	NM_138703.4
NCBI Official Full Name	melanoma-associated antigen E2
NCBI Official Synonym Full Names	MAGE family member E2
NCBI Official Symbol	MAGEE2
NCBI Official Synonym Symbols	HCA3
UniProt Protein Name	Melanoma-associated antigen E2
UniProt Synonym Protein Names	Hepatocellular carcinoma-associated protein 3; MAGE-E2 antigen
Protein Family	Melanoma-associated antigen
UniProt Gene Name	MAGEE2
UniProt Synonym Gene Names	HCA3
NCBI Protein Information	melanoma-associated antigen E2
NCBI Summary for MAGEE2	This gene encodes a member of the E subfamily of MAGE (melanoma antigen-encoding gene) gene family. The gene is intronless and the encoded protein has two of the MAGE domains which are characteristic of MAGE family proteins. [provided by RefSeq, Sep 2011]
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