

Recombinant Human MAGEB2 protein, GST-tagged

Cat. No. MAGEB2-695H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEB2 protein(1-319 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-319 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MPRGQKSKLRAREKRRKARDETRGLNVPQVTEAAAAEAPCCSSSVSGGAASSSPA AGIPQKPQRAPTTAAAAAAGVSSTKSKKGAKSHQGEKNASSSQASTSTKSPSEDPL TRKSGSLVQFLLYKYKIKKSVTKGEMLKIVGKRFRHEHFPEILKKASEGLSVVFGLELN KVNPNNGHTYTFIDKVDLTDEESLLSSWDFPRRKLLMPLLGVIFLNGNSATEEEIWEFL NMLGVYDGEHVSFGEPPWKLITKDLVQEKYLEYKQVPSSDPPRFQFLWGPARYAET SKMKVLEFLAKVNGTTPCAFPTHYEEALKDEEKAGV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name MAGEB2 melanoma antigen family B, 2 [Homo sapiens]

Official Symbol MAGEB2

Synonyms MAGEB2; melanoma antigen family B, 2; melanoma-associated antigen B2; cancer/testis antigen family 3; member 2; CT3.2; DAM6; DSS/AHC critical interval MAGE superfamily 6; MAGE XP 2; melanoma associated antigen B2; MGC26438; MAGE-B2 antigen; MAGE XP-2 antigen; cancer/testis antigen 3.2; cancer/testis antigen family 3, member 2; DSS-AHC critical interval MAGE superfamily 6; MAGE-XP-2;

Gene ID 4113

mRNA Refseq NM_002364

Protein Refseq NP_002355

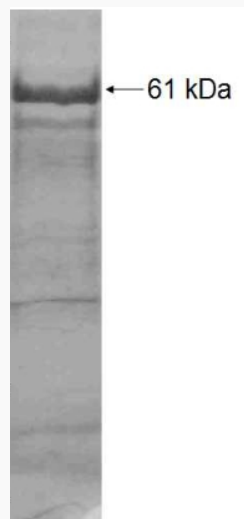
MIM 300098

UniProt ID O15479

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SDS-PAGE

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