

Recombinant Human MAGEB18 protein, T7/His-tagged

Cat. No. MAGEB18-94H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MAGEB18 cDNA (2 – 343 aa, derived from BC029525), fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-343 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Sucrose.
AA Sequence	MASMTGGQQMGRGRGHHHHHHENLYFQGGEFPRGQKSKLRAREKRHQARCENQDL GATQATVAEGESPSSAYLLFGD RPQNLPAAETPSIPEALQGAPSTTNAIAPVSCSSN EGASSQDEKSLGSSREAEGWKEDPLNKKVSLVHFLQKY ETKEPITKGMIFVIR KDKCHFNEILKRASEHMEALGVLDLKEVDPIRHYYAFFSKLDLTYDETTSDDEEKIPKT GLLMIALGVIFLNGNRAPEEAVWEIMNMMGVYADRKHFLYGDPRKVMTKDLVQLKY LEYQQVPNSDPPRYEFLWG PRAHAETSKMKVLEFVAKIHDTVPSAFPSCYEEALRD EEQRTQARAAARAHTAAMANARSRTTSSSFSAK
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro MAGEB18 protein mediated germ cell, embryonic development regulation or tumor cell transformation study with "ProFectin" based intracellular delivery of this protein.2. May be used for MAGEB18 protein – protein

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

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

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interaction assay.3. As Enzymatic substrate for various proteases.4. Potential diagnostic biomarker protein for various cancer or auto-antigen for various auto-immuno-diseases.5. May be used for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name [MAGEB18 melanoma antigen family B, 18 \[Homo sapiens \]](#)

Official Symbol [MAGEB18](#)

Synonyms MAGEB18; melanoma antigen family B, 18; melanoma-associated antigen B18; MGC33889; MAGE-B18 antigen;

Gene ID [286514](#)

mRNA Refseq [NM_173699](#)

Protein Refseq [NP_775970](#)

MIM

UniProt ID [Q96M61](#)

Chromosome Location Xp21.3

Function protein binding;

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