

Recombinant Human MAGEB1 protein, His-tagged

Cat. No. MAGEB1-2450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEB1 protein(1-347 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-347 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MPRGQKSKLRAREKRRKAREETHYLKVAHATAAEKEECPSSSPVLGDTPTSSPAAG IPQKPQGAPPTTTAAAVSCTESDEGAKCQGEENASFSQATTSTESSVKDPVAWEA GMLMHFILRKYKMREPIMKADMLKVVDKEYKEYFTEILNGASRRLELVFGLDLKEDN PSGHTYTLVSKLNLNDGNLSNDWDFPRNGLLMPLLGVFLKGNSATEEEIWKFMNV LGAYDGEEHLIYGEPKRFITQDLVQEYLYEQVPNSDPPRYQFLWGPRAYAETTK MKVLEFLAKMNGATPRDFPSHYEEALRDEEERAQVRSSVRARRRTTATTFRARSRA PFSRSSHPM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [MAGEB1 melanoma antigen family B, 1 \[Homo sapiens \]](#)

Official Symbol [MAGEB1](#)

Synonyms

CT3.1; DAM10; MAGEL1; MAGE-Xp; melanoma-associated antigen B1; MAGE-B1 antigen; MAGE-XP antigen; cancer/testis antigen 3.1; cancer/testis antigen family 3, member 1; DSS-AHC critical interval MAGE superfamily 10; DSS/AHC critical interval MAGE superfamily 10

Gene ID [4112](#)

mRNA Refseq [NM_177404](#)

Protein Refseq [NP_796379](#)

MIM [300097](#)

UniProt ID [P43366](#)

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