

Recombinant Human MAGEA4 protein, GST-tagged

Cat. No. MAGEA4-6573H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA4 protein(1-317 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-317 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	MSSEQKSQHCKPEEGVEAQEEALGLVGAQAPTTEEQEA AVSSSSPLVPGTLEEVPAESAGPPQSPQGASALPTTISFTCWRQPNEGSSSQEEEGPSTSPDAESLFREALSNKVDELAHFLLRKYRAKELVTKAEMLERVIKKNYKRCFPVIFGKASESLKMIFGIDVKEVDPTSNTYTLVTCLGLSYDGLLGNNQIFPKTGLLIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREHTVYGEPRKLLTQDWVQENYLEYRQVPGSNPARYEFLWGPRALAETSYVKVLEHVVRVNARVRIAYPSLREAALLEEEEGV
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,

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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 [MAGEA4 melanoma antigen family A, 4 \[Homo sapiens \]](#)

Official Symbol [MAGEA4](#)

Synonyms

MAGEA4; melanoma antigen family A, 4; MAGE4; melanoma-associated antigen 4; cancer/testis antigen family 1; member 4; CT1.4; MAGE 41; MAGE X2; MAGE4A; MAGE4B; melanoma associated antigen 4; MGC21336; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen; cancer/testis antigen 1.4; cancer/testis antigen family 1, member 4; MAGE-41; MAGE-X2;

Gene ID [4103](#)

mRNA Refseq [NM_001011548](#)

Protein Refseq [NP_001011548](#)

MIM [300175](#)

UniProt ID [P43358](#)

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SDS-PAGE

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