

Recombinant Human MAGEA1 protein, His-tagged

Cat. No. MAGEA1-3197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA1 protein(P43355)(1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-309aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	39.8 kDa
AA Sequence	MSLEQRSSLHCKPEEALEAQQEALGLVCVQAATSSSSPLVLGTLEEVPTAGSTDPPQ SPQGASAFPTTINFTRQRQPSEGSSSREEEGPSTSCILESLFRAVITKKVADLVGFLL LKYRAREPVTKAEMLESVIKNYKHCFPEIFGKASESLQLVFGIDVKEADPTGHSYVLV TCLGLSYDGLLGDNQIMPKTGFLIIVLVMIAMEGGHAPEEEIWEELSVMEVYDGREH SAYGEPRKLLTQDLVQEKYLEYRQVPDSDPARYEFLWGPRALAETSYVKVLEYVIKV SARVRFFFPSLREAALREEEEGV
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	MAGEA1 melanoma antigen family A, 1 (directs expression of antigen MZ2-E) [Homo sapiens]
Official Symbol	MAGEA1
Synonyms	MAGEA1; melanoma antigen family A, 1 (directs expression of antigen MZ2-E); MAGE1; melanoma-associated antigen 1; cancer/testis antigen family 1; member 1; CT1.1; melanoma antigen family A 1; melanoma antigen MAGE 1; melanoma associated antigen 1; melanoma associated antigen MZ2 E; MGC9326; antigen MZ2-E; MAGE-1 antigen; melanoma antigen MAGE-1; cancer/testis antigen 1.1; melanoma-associated antigen MZ2-E; cancer/testis antigen family 1, member 1;
Gene ID	4100
mRNA Refseq	NM_004988
Protein Refseq	NP_004979
MIM	300016
UniProt ID	P43355

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