Recombinant Human MAGEA4 protein(1-317aa), His-tagged

Cat. No. MAGEA4-8754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA4 protein(P43358)(1-317aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-317aa
Form	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human MAGEA4 at 2 μg/Ml can bind anti-MAGEA4 recombinant antibody, the EC50 is 30.33-43.10 ng/mL.
Molecular Mass	36.7 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

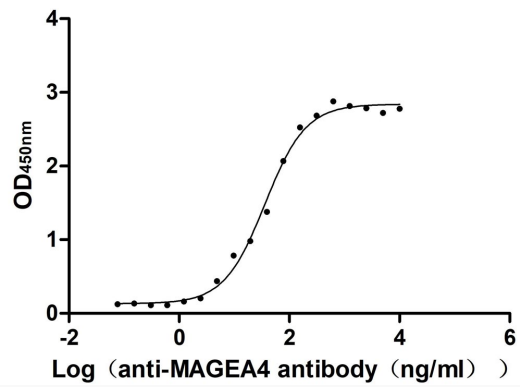
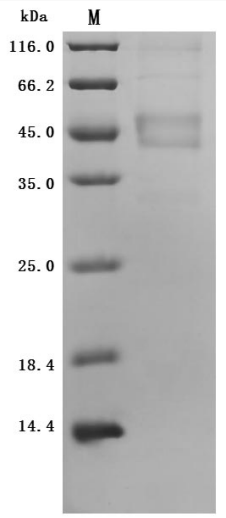
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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	MSSEQKSQHCKPEEGVEAQEEALGLVGAQAPTTEEQEAAVSSSSPLVPGTLEEVP AAESAGPPQSPQGASALPTTISFTCWRQPNEGSSSQEEEGPSTSPDAESLFREALS NKVDELAHFLLRKYRAKELVTKAEMLERVIKNYKRCFPVIFGKASESLKMIFGIDVKEV DPASNTYTLVTCLGLSYDGLLGNNQIFPKTGLLIIVLGTIAMEGDSASEEEIWEELGVM GVYDGREHTVYGEPRKLLTQDWVQENYLEYRQVPGSNPARYEFLWGPRALAETSY VKVLEHVVRVNARVRIAYPSLREAALLEEEEGV

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

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UniProt ID	P43358
Activity	
SDS-PAGE	

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