Recombinant Human MAGEA9 protein, His-tagged

Cat. No. MAGEA9-3362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA9 protein(1-315 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-315 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). 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 300 mM imidazole.
AASequence	MSLEQRSPHCKPDEDLEAQGEDLGLMGAQEPTGEEEETTSSSDSKEEEVSAAGSS SPPQSPQGGASSSISVYYTLWSQFDEGSSSQEEEEPSSSVDPAQLEFMFQEALKLK VAELVHFLLHKYRVKEPVTKAEMLESVIKNYKRYFPVIFGKASEFMQVIFGTDVKEVD PAGHSYILVTALGLSCDSMLGDGHSMPKAALLIIVLGVILTKDNCAPEEVIWEALSVM GVYVGKEHMFYGEPRKLLTQDWVQENYLEYRQVPGSDPAHYEFLWGSKAHAETS YEKVINYLVMLNAREPICYPSLYEEVLGEEQEGV
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 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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	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	MAGEA9 melanoma antigen family A, 9 [Homo sapiens]
Official Symbol	MAGEA9
Synonyms	MAGEA9; melanoma antigen family A, 9; MAGE9; melanoma-associated antigen 9; cancer/testis antigen family 1; member 9; CT1.9; MAGE 9 antigen; melanoma associated antigen 9; MGC8421; MAGE-9 antigen; cancer/testis antigen 1.9; cancer/testis antigen family 1, member 9; MAGEA9B;
Gene ID	4108
mRNA Refseq	NM_005365
Protein Refseq	NP_005356
MIM	300342
UniProt ID	P43362
SDS-PAGE	

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