Recombinant Human Melanoma Antigen Family A, 6, His-tagged

Cat. No. MAGEA6-6788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanMAGEA6 protein, fused to His-tag at C-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	MAGEA6 is a memberof the MAGEA family, which directs the expression of tumor antigens that arerecognized on a human melanoma by autologous cytolytic T lymphocytes (CTL).The MAGE genes were initially isolated from different kinds of tumors, andbased on their virtually exclusive tumor-specific expression in adulttissues, they have been used as targets for cancer immunotherapy
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Weight	35.9 kDa (322aa),confirmed by MALDI-TOF
Purity	> 90% by SDS -PAGE
Concentration	1 mg/ml (determinedby Bradford assay)
Sequences of aminoacids	MPLEQRSQHCKPEEGLEARG EALGLVGAQA PATEEQEAAS SSSTLVEVTL GEVPAAESPD PPQSPQGASS LPTTMNYPLW SQSYEDSSNQ EEEGPSTFPD

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	LESEFQAALS RKVAKLVHFL LLKYRAREPV TKAEMLGSVV GNWQYFFPVIFSKASDSLQL VFGIELMEVD PIGHVYIFAT CLGLSYDGLL GDNQIMPKTG FLIIILAIIA KEGDCAPEEKIWEELSVLEV FEGREDSIFG DPKKLLTQYF VQENYLEYRQ VPGSDPACYE FLWGPRALIE TSYVKVLHHMVKISGGPRIS YPLLHEWALR EGEELEHHHH HH
Storage	Can be stored at+4°C short term (1-2 weeks). For long term storage, aliquot and store at-20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	MAGEA6melanoma antigen family A, 6 [Homo sapiens]
Official Symbol	MAGEA6
Synonyms	MAGEA6; melanoma antigen family A,6; MAGE6; melanoma-associated antigen 6; cancer/testis antigen family 1;member 6; CT1.6; MAGE 6 antigen; melanoma antigen family A 6; melanomaassociated antigen 6
Gene ID	4105
mRNA Refseq	NM_005363
Protein Refseq	NP_005354
MIM	300176
Uniprot ID	P43360
Chromosome Location	Xq28

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Function	molecular_function

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