

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 LPTTMNYPLWSQSYEDSSNQ EEEGPSTFPD

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LESEFQAALS RKVAKLVHFL LLKYRAREPV TKAEMLGSVV
 GNWQYFFPVIFSKASDSLQL VFGIELMEVD PIGHVYIFAT CLGLSYDGLL
 GDNQIMPKTG FLIILAIIA KEGDCAPEEKIWEELSVLEV FEGREDSIFG
 DPKKLLTQYF VQENYLEYRQ VPGSDPACYE FLWGPRALIE
 TSYVKVLHMHMVKISGGPRIS 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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