

Melanoma Antigen Family A Recombinant Protein | MAGEA6 recombinant protein

Recombinant Human Melanoma Antigen Family A, 6

CATALOG # AAA38939	HOST E Coli
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PRODUCT SYNONYMS

Melanoma Antigen Family A; Recombinant Human Melanoma Antigen Family A; 6; MAGEA6 Human; 6 Human Recombinant; Melanoma-associated antigen 6; Cancer/testis antigen 1.6; CT1.6; MAGE-6 antigen; MAGE3B antigen; MAGEA6; MAGE6; MAGE3B; MAGE-3b; MAGEA6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	MAGEA6 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MPLEQRSQHC KPEEGLEARG EALGLVGAQA PATEEQEAAS SSSTLVEVTL GEVPAAESPD PPQSPQGASS LPTTMNYPLW SQSYEDSSNQ EEEGPSTFPD LESEFQAALS RKVAKLVHFL LLKYRAREPV TKAEMLGSVV GNWQYFFPVI FSKASDSLQL VFGIELMEVD PIGHVYIFAT CLGLSYDGLL GDNQIMPKTG FLIIILAIIA KEGDCAPEEK IWEELSVLEV FEGREDSIFG DPKKLLTQYF VQENYLEYRQ VPGSDPACYE FLWGPRALIE TSYVKVLHHM VKISGGPRIS YPLLHEWALR EGEELEH HHHHH.
Sequence Length	314

ADDITIONAL INFORMATION

Related Product Information for MAGEA6 recombinant protein	Description: MAGEA6 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-314 a.a) and having a molecular mass of 35.9kDa. MAGEA6 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques. Introduction: MAGEA6 belongs to the MAGEA family, which directs the expression of tumor antigens which are seen on a human melanoma by autologous cytolytic T lymphocytes (CTL). Members of the MAGEA family encode proteins with 50 to 80% sequence identity to each other. The MAGE genes, which are clustered at chromosomal location Xq28, were originally isolated from separate kinds of tumors, and based on their practically exclusive tumor-specific expression in adult tissues; they are objects for cancer immunotherapy. MAGEA genes' promoters and first exons exhibit substantial variability, implying that the existence of the MAGEA gene family enables the same function to be expressed under different transcriptional controls. MAGEA genes are implicated in several hereditary disorders, such as dyskeratosis congenita.
Product Categories/Family for MAGEA6 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Melanoma Antigen Family A

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885469
NCBI GeneID	4105
NCBI Accession #	NP_005354.1
NCBI GenBank Nucleotide #	NM_005363.2
UniProt Accession #	P43360 ; Q6NW44 ; A8IF93

Molecular Weight	34,891 Da
NCBI Official Full Name	melanoma-associated antigen 6
NCBI Official Synonym Full Names	melanoma antigen family A6
NCBI Official Symbol	MAGEA6
NCBI Official Synonym Symbols	CT1.6; MAGE6; MAGE3B; MAGE-3b
NCBI Protein Information	melanoma-associated antigen 6; MAGE-6 antigen; MAGE3B antigen; cancer/testis antigen 1.6; cancer/testis antigen family 1, member 6; melanoma antigen family A, 6
UniProt Protein Name	Melanoma-associated antigen 6
UniProt Gene Name	MAGEA6
UniProt Synonym Gene Names	MAGE6; CT1.6
UniProt Entry Name	MAGA6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/magea6-recombinant-protein-e-coli/38939>