

Melanoma Antigen Family A Recombinant Protein | MAGEA4 recombinant protein

Recombinant Human Melanoma Antigen Family A, 4

CATALOG #
AAA38810

HOST
Escherichia Coli

PRODUCT SYNONYMS

Melanoma Antigen Family A; Recombinant Human Melanoma Antigen Family A; 4; CT1.4; MAGE4; MAGE-4 antigen; MAGE-X2 antigen; MAGE-41 antigen; MAGE4B; MGC21336; Cancer/testis antigen 1.4; MAGEA4.; MAGEA4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	MAGEA4 Human solution containing 20mM Tris-HCl pH-8 & 20% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMSS EQKSQCHKPE EGVEAQEEAL GLVGAQAPTT EEQEAIVSSS SPLVPGTLEE VPAAESAGPP QSPQGASALP TTISFTCWRQ PNEGSSSQEE EGPSTSPDAE SLFREALS NK VDELAHFLLR KYRAKELVTK AEMLERVIKN YKRCFPVIFG KASESLKMIF GIDVKEVDPT SNTYTLVTCL GLSYDGLLGN NQIFPKTGLL IIVLGTIAME GDSASEEEIW EELGVMGVYD GREHTVYGEP RKLLTQDWVQ ENYLEYRQVP GSNPARYEFL WGPRLAETS YVKVLEHVVR VNARVRIAYP SLREAALLEE EEGV
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MAGEA4 recombinant protein	Description: MAGEA4 Recombinant Human produced in E Coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-317 a.a.) and having a molecular mass of 37 kDa. The MAGEA4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: MAGEA4 is part of the MAGEA family, which directs the expression of tumor antigens that are identified on a human melanoma by autologous cytolytic T lymphocytes (CTL). MAGEA4 participates in embryonal development and tumor transformation or aspects of tumor progression. MAGEA4 is expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta.
Product Categories/Family for MAGEA4 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Melanoma Antigen Family A

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530867
NCBI GeneID	4103
NCBI Accession #	NP_001011548.1
NCBI GenBank Nucleotide #	NM_001011548.1
UniProt Accession #	P43358; Q14798

NCBI Official Full Name	melanoma-associated antigen 4
NCBI Official Synonym Full Names	melanoma antigen family A4
NCBI Official Symbol	MAGEA4
NCBI Official Synonym Symbols	CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2
NCBI Protein Information	melanoma-associated antigen 4; MAGE-4 antigen; MAGE-41 antigen; MAGE-X2 antigen; cancer/testis antigen 1.4; cancer/testis antigen family 1, member 4; melanoma antigen family A, 4
UniProt Protein Name	Melanoma-associated antigen 4
UniProt Gene Name	MAGEA4
UniProt Synonym Gene Names	MAGE4; CT1.4
UniProt Entry Name	MAGA4_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/magea4-recombinant-protein-escherichia-coli/38810>