

MAGEA4 recombinant protein

MAGEA4, 1-317aa, Human, His tag, E Coli

CATALOG # AAA48620	HOST E Coli	APPLICATIONS SDS-Page
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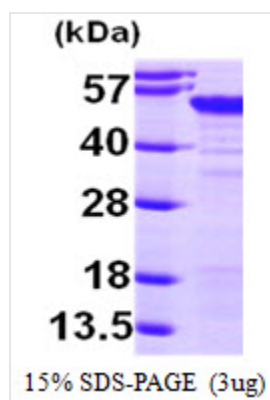
PRODUCT SYNONYMS

MAGEA4; 1-317aa; Human; His tag; E Coli; Melanoma-associated antigen 4; Cancer/testis antigen 1.4; CT1.4; MAGE 4; MAGE 4 antigen; MAGE 41; MAGE 41 antigen; MAGE 4A; MAGE 4B; MAGE X2; MAGE X2 antigen; MAGE41; MAGE4A; MAGE4B; MAGEA 4; Melanoma antigen family A 4; ; MAGEA4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MSSEQKSQHC KPEEGVEAQE EALGLVGAQA PTTEEQEAHV SSSSPLVPGT LEEVPAAESA GPPQSPQGAS ALPTTISFTC WRQPNEGSSS QEEEGPSTSP DAESLFREAL SNKVDELAHF LLRKYRAKEL VTKAEMLERV IKNYKRCFPV IFGKASESLK MIFGIDVKEV DPTSNTYTLV TCLGLSYDGL LGNNQIFPKT GLLIIVLGTI AMEGDSASEE EIWEELGVMG VYDGREHTVY GEPRKLLTQD WVQENYLEYR QVPGSNPARY EFLWGPRALA ETSYVKVLEH VVRVNARVRI AYPSLREAAL LEEEEGV
Sequence Length	317
Applicable Applications for MAGEA4 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAGEA4 recombinant protein	MAGEA4 is a member of the MAGEA family, which directs the expression of tumor antigens that are recognized on a human melanoma by autologous cytolytic T lymphocytes (CTL). The function of MAGEA4 is not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression. This protein 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. Recombinant human MAGEA4, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for MAGEA4 recombinant protein	Cancer
References	Fradet Y., et al. (2009) Int J Cancer. 125 (6):1365-71.; Nishimura T., et al. (2009) Br J Cancer. 100 (7):1135-43.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	17389360
NCBI GeneID	4103
Molecular Weight	37 kDa (337aa), confirmed by MALDI-TOF
NCBI Official Full Name	Melanoma antigen family A, 4
NCBI Official Synonym Full Names	MAGE family member 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
UniProt Protein Name	Melanoma-associated antigen 4
UniProt Gene Name	MAGEA4
UniProt Synonym Gene Names	MAGE4; CT1.4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/magea4-recombinant-protein-e-coli-sds-page/48620>