

Recombinant Human Melanoma Antigen Family A, 3, His-tagged

Cat. No. MAGEA3-2837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MAGEA3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 37.1 kDa (337aa) confirmed by MALDI-TOF.
Species	Human
Source	E.coli
Description	Melanoma-associated antigen 3, also known MAGEA3, is a member of the MAGE gene family, which comprises 12 known genes, of which 6 are expressed in tumors. The MAGE genes were initially isolated from different kinds of tumors, and based on their virtually exclusive tumor-specific expression in adult tissues, they have been used as targets for cancer immunotherapy. MAGEA3 is a tumor-specific antigen widely expressed in solid and hematologic malignancies, but not in normal tissues, with the exception of testis and placenta. Therefore, MAGEA3 is an excellent candidate tumor antigen.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSMPLEQRS QHCKPEEGLE ARGEALGLVG AQAPATEEQE AASSSSTLVE VTLGEVPAAE SPDPQSPQG ASSLPPTMNY PLWSQSYEDS SNQEEEGPST FPDLESEFQA ALSRKVAELV HFLLLKYRAR EPVTKAEMLG SVVGNWQYFF PVIFSKASSS LQLVFGIELM EVDPIGHLIYI FATCLGLSYD GLLGDNQIMP KAGLLIIVLA IIAREGDCAP EEKIWEELSV LEVFEGRSDS ILGDPKLLT QHFVQENYLE YRQVPGSDPA CYEFLWGPRA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LVETSYVKVL HHMVKISGGP HISYPPLHEW VLREGEE

Purity > 90% by SDS – PAGE.

Form Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl.

Concentration 1 mg/ml (determined by Bradford assay).

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 [MAGEA3 melanoma antigen family A, 3 \[Homo sapiens \]](#)

Synonyms MAGEA3; melanoma antigen family A, 3; HIP8; HYPD; CT1.3; MAGE3; MAGEA6; MGC14613; melanoma-associated antigen 3; antigen MZ2-D; MAGE-3 antigen; OTTHUMP00000024221; cancer/testis antigen 1.3; cancer/testis antigen family 1, member 3

Gene ID [4102](#)

mRNA Refseq [NM_005362](#)

Protein Refseq [NP_005353](#)

MIM [300174](#)

UniProt ID [P43357](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Chromosome	Xq28
Location	

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA