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MAGEA3, human recombinant

CT1.3, HIP8, HYPD, MAGE3, MZ2 D
Catalog # PBV11488r

Specification

MAGEA3, human recombinant - Product info

Primary Accession	NP_005353.1
Concentration	1 mg/ml
Calculated MW	This protein is fused with a 6× His tag at N-terminus and has a calculated MW of 37.1 kDa. KDa

MAGEA3, human recombinant - Additional Info

Other Names
CT1.3, HIP8, HYPD, MAGE3, MZ2 D

Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE;≥90%
Assay2&Purity2	N/A;≥90%
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPLEQRS QHCKPEEGLE ARGEALGLVG AQAPATEEQE AASSSSTLVE VTLGEVPAAE SPDPPQSPQG ASSLPTTMNY PLWSQSYEDS SNQEEEGPST FPDLESEFQA ALSRKVAELV HFLLLKYRAR EPVTKAEMLG SVVGNWQYFF PVIFSKASSS LQLVFGIELM EVDPIGHLYI FATCLGLSYD GLLGDNQIMP KAGLLIIVLA IIAREGDCAP EEKIWEELSV LEVFEGREDS ILGDPKKLLT QHFVQENYLE YRQVPGSDPA CYEFLWGPRA LVETSYVKVL HHMVKISGGP HISYPPLHEW VLREGEE

Target/Specificity
MAGEA3

Application Notes
In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Format
Liquid

Storage
-20°C;Liquid

MAGEA3, human recombinant - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAGEA3, human recombinant - Images

MAGEA3, human recombinant - Background

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. Recombinant human MAGEA3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.