

MAGEA3, human recombinant
CT1.3, HIP8, HYPD, MAGE3, MZ2 D
Catalog # PBV11488r**Specification****MAGEA3, human recombinant - Product info**Primary Accession
Concentration
Calculated MW[NP_005353.1](#)**1 mg/ml****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
Source
Assay&Purity
Assay2&Purity2
Recombinant
Sequence**Human****E.coli****SDS-PAGE; ≥90%****N/A; ≥90%****Yes****MGSSHHHHHH SSGLVPRGSH MGSMPLQRS
QHCKPEEGLE ARGEALGLVG AQAPATEEQE
AASSSSTLVE VTLGEVPAAE SPDPPQSPQG
ASSLPTTMNY PLWSQSYEDS SNQEEGPST
FPDLESEFQA ALSRKVAELV HFLLKRYAR
EPVTKAEMLG SVVGNWQYFF PVIFSKASSS
LQLVFGIELM EVDPIGHLIYI 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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.