

Product datasheet

Recombinant Human MAGE3 protein ab99958

1 Image

Description

Product name	Recombinant Human MAGE3 protein
Purity	> 90 % SDS-PAGE. ab99958 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P43357</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHSSGLVPRGSHMGSMPLEQRSQHCKPEE GLEARGEALGLVG AQAPATEEQEAASSSSTLVEVTLGEVPAAESPDPPQSPQ GASSLPTTMNY PLWSQSYEDSSNQEEEEGPSTFPDLESEFQAALSRKVAEL VHFLLLKYRAR EPVTKAEMLGSVVGNWQYFFPVIFSKASSSLQLVFGIELM EVDPIGHLIYI FATCLGLSYDGLLDGNQIMPKAGLLIIVLAIAREGDCAPEE KWEELSV LEVFEGREDSILGDPKLLTQHFVQENYLEYRQVPGSDPA CYEFLWGPRA LVETSYVKVLHHMVKISGGPHISYPPLHEWVLRGEE</p>
Predicted molecular weight	37 kDa including tags
Amino acids	1 to 314
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab99958** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
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Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	This product was previously labelled as MAGEA3

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. May play a role in embryonal development and tumor transformation or aspects of tumor progression. In vitro promotes cell viability in melanoma cell lines. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.
Tissue specificity	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. Never expressed in kidney tumors, Leukemias and lymphomas.
Sequence similarities	Contains 1 MAGE domain.

Images



15% SDS-PAGE showing ab99958 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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