

# Recombinant human MAGEA8 protein

Catalog Number: ATGP3052

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-318aa

### UniProt No.

P43361

### NCBI Accession No.

NP\_001159873

### Alternative Names

Melanoma-associated antigen 8, CT1.8, MAGE8

## PRODUCT SPECIFICATION

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### Molecular Weight

37.6 kDa (341aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

MAGEA8 also known as Melanoma-associated antigen 8 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. Recombinant human MAGEA8, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques

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## Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MLLGQKS QRYKAEGLQ AQGEAPGLMD VQIPTAEEQK AASSSSTLIM  
GTLEEVTDSG SPSPPQSPEG ASSSLTVTDS TLWSQSDEGS SSNEEEGPST SPDPAHLES L FREALDEKVA ELVRFLLRKY  
QIKEPVTKAE MLESVIKNYK NHFPDIFSKA SECMQVIFGI DVKEVDPAGH SYILVTCLGL SYDGLLGDDQ STPKTGLLII  
VLGMILMEGS RAPEEAIWEA LSVMGLYDGR EHSVYWKLRK LLTQEWVQEN YLEYRQAPGS DPVRYEFLWG PRALAETSYV  
KVLEHVVRVN ARVRISYPSL HEEALGEEKG V

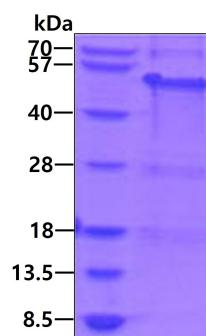
## General References

Serrano A., et al. (1999) *Int. J. Cancer* 83 (5), 664-669

Rogner uC., et al. (1995) *Genomics* 29 (3), 725-731

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.