

Recombinant human MAGEA6 protein

Catalog Number: ATGP1561

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-314aa

UniProt No.

P43360

NCBI Accession No.

NP_005354.1

Alternative Names

Melanoma-associated antigen 6, CT1.6, MAGE-3b, MAGE3B, MAGE6

PRODUCT SPECIFICATION

Molecular Weight

35.9 kDa (322aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 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

Description

MAGEA6 is a member of the MAGEA family, which directs the expression of tumor antigens that are recognized on a human melanoma by autologous cytolytic T lymphocytes (CTL). 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 MAGEA6 protein, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

MPLEQRSQHC KPEEGLEARG EALGLVGAQA PATEEQEAAS SSSTLVEVTL GEVPAAESPD PPQSPQGASS LPTTMNYPLW
SQSYEDSSNQ EEEGPSTFPD LESEFQAALS RKVAKLVHFL LLKYRAREPV TKAEMLGSVV GNWQYFFPVI FSKASDSLQL
VFGIELMEVD PIGHVYIFAT CLGLSYDGLL GDNQIMPKTG FLIIILAIIA KEGDCAPEEK IWEELSVLEV FEGREDSIFG
DPKLLTQYF VQENYLEYRQ VPGSDPACYE FLWGPRALIE TSYVKVLHMH VKISGGPRIS YPLLHEWALR EGEE<LEHHHH
HH>

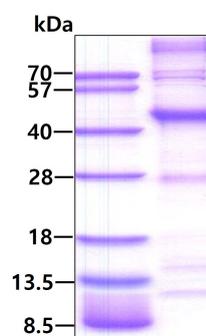
General References

Kobayashi Y., et al. (2000) J Hepatol. 32:612-617.

Klein C., et al. (2000) J Exp Med. 191: 1699-1708.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.