

Recombinant Human MAGEA3 Protein, His&SUMO-tagged

Cat. No. MAGEA3-1095H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAGEA3 Protein (Met1-Glu314) with His&SUMO tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu314
Description	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.4 kDa; Accurate Molecular Mass: 48 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	MAGEA3 melanoma antigen family A, 3 [Homo sapiens (human)]
Official Symbol	MAGEA3
Synonyms	MAGEA3; melanoma antigen family A, 3; MAGE3; melanoma-associated antigen 3; antigen MZ2 D; cancer/testis antigen family 1; member 3; CT1.3; HIP8; HYPD; MAGE 3 antigen; melanoma associated antigen 3; MGC14613; antigen MZ2-D; MAGE-3 antigen; cancer/testis antigen 1.3; cancer/testis antigen family 1, member 3; MAGEA6;
Gene ID	4102
mRNA Refseq	NM_005362
Protein Refseq	NP_005353

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MIM	300174
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UniProt ID	P43357
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