

Recombinant Human MAGEA6

Cat. No. MAGEA6-30166TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MAGEA6 with a N terminal proprietary tag; Predicted MWt 60.61 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	314 amino acids
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. Two transcript variants encoding the same protein have been identified for this gene.
Molecular Weight	60.610kDa inclusive of tags
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.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MPLEQRSQHCKPEEGLEARGEALGLVGAQAPATEEQEAAS SSSTLVEVTLGEVPA AESPDPQPQSGASSLPPTMNYPLW SQSYEDSSNQEEEGPSTFPDLESEFQAALS RKVAKLVHFL LLKYRAREPVTKAEMLGSVVGNWQYFFPVIFSKASDSLQL VFGIEL MEVDPIGHVYIFATCLGLSYDGLLDGNQIMPKTG FLIIILAIIAKEGDCAPEEKIWEELS VLEVFEGREDSIFG DPKKLLTQYFVQENYLEYRQVPGSDPACYEFLWGPRALIE TS YVKVLHMHMVKISGGPRISYPLLHEWALREGEE
Sequence Similarities	Contains 1 MAGE domain.

GENE INFORMATION

Gene Name	MAGEA6 melanoma antigen family A, 6 [Homo sapiens]
Official Symbol	MAGEA6
Synonyms	MAGEA6; melanoma antigen family A, 6; MAGE6; melanoma-associated antigen 6; cancer/testis antigen family 1; member 6; CT1.6; MAGE 6 antigen; melanoma antigen family A 6; melanoma associated antigen 6;
Gene ID	4105
mRNA Refseq	NM_005363

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Protein Refseq	NP_005354
MIM	300176
Uniprot ID	P43360
Chromosome Location	Xq28
Function	molecular_function;

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