

Active Recombinant Full Length Human MAGEA4 Protein, C-Flag-tagged

Cat. No. MAGEA4-111HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAGEA4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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. Several variants encoding the same protein have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	ELISA capture for autoantibodies
Molecular Mass	34.7 kDa
AA Sequence	MSSEQKSQLHCKPEEGVEAQEEALGLVGAQAPTTEEQEAASVSSSPLVPGTLEEVP AAESAGPPQSPQGAS ALPTTISFTCWRQPNEGSSSQEEEGPSTSPDAESLFRALS

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NKVDELAHFLLRKYRAKELVTKAEMLERV IKNYKRCFPVIFGKASESLKMIFGIDVKE
 VDPASNTYTLVTCLGLSYDGLLGNNQIFPKTGLLIIVLGTI AMEGDSASEEEIWEELG
 VMGVYDGREHTVYGEPRKLLTQDWVQENYLEYRQVPGSNPARYEFLWGPRALA
 ETSYVKVLEHVVRVNARVRIAYPSLREAALLEEEGVTRTRPLEQKLISEEDLAANDIL
 DYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	MAGEA4 MAGE family member A4 [Homo sapiens (human)]
Official Symbol	MAGEA4
Synonyms	CT1.4; MAGE4; MAGE4A; MAGE4B; MAGE-41; MAGE-X2
Gene ID	4103
mRNA Refseq	NM_001011548.1

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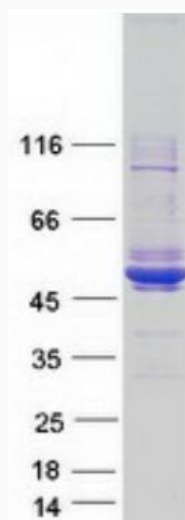
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Protein Refseq NP_001011548.1

MIM 300175

UniProt ID P43358



Coomassie blue staining of purified MAGEA4 protein.

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