

Product datasheet for **TP318575L**

MAGEA5 (NM_021049) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human melanoma antigen family A, 5 (MAGEA5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218575 protein sequence Red =Cloning site Green =Tags(s)
	MSLEQKSQHCKPEEGLDTQEEALGLVGVQAATTEEQEA>VSSSSPLVPGTLGEVPAAGSPGPLKSPQGASA IPTAIDFTLWRQSIKSSNQEEEGPSTSPDPESVFRAALSKKVADLIHFLLLKY
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_066387
Locus ID:	4104
UniProt ID:	P43359
RefSeq Size:	1664
Cytogenetics:	Xq28



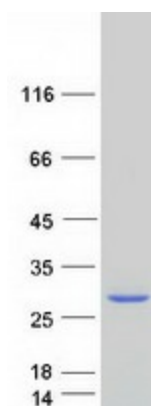
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RefSeq ORF: 372

Synonyms: CT1.5; MAGE5; MAGEA4

Summary: 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. This MAGEA gene is interpreted to be a pseudogene. Read-through transcription exists between this gene and the upstream melanoma antigen family A, 10 (MAGEA10) gene. [provided by RefSeq, Dec 2020]

Product images:



Coomassie blue staining of purified MAGEA5 protein (Cat# [TP318575]). The protein was produced from HEK293T cells transfected with MAGEA5 cDNA clone (Cat# [RC218575]) using MegaTran 2.0 (Cat# [TT210002]).