

## Product datasheet for **TP304482M**

### **MAGEA4 (NM\_001011549) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens melanoma antigen family A, 4 (MAGEA4), transcript variant 3, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC204482 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSSEQKSQHCKPEEGVEAQEEALGLVGAQAPTTEEQAAVSSSSPLVPGTLEEVPAAESAGPPQSPQGAS ALPTTISFTCWQPNEGSSSQEEEGPSTSPDAESLFREALSNKVDELAHFLLRKYRAKELVTKAEMLERV IKNYKRCFPVIFGKASESLKMIFGIDVKEVDPTSNTYTLVTCLGLSYDGLLGNNQIFPKTGLLIIVLGTI AMEGDSASEEEIWEELGVMGVYDGREHTVYGEPRKLLTQDWVQENYLEYRQVPGSNPARYEFLWGPRALA ETSYVKVLEHVVRVNARVRIAYPSLREAALLEEEEGV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	34.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_001011549</a></u>
<b>Locus ID:</b>	4103



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UniProt ID: [P43358](#), [A0A024RC12](#)

RefSeq Size: 1721

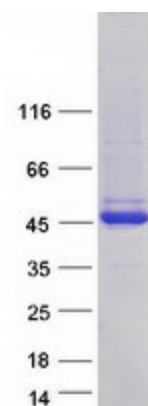
Cytogenetics: Xq28

RefSeq ORF: 951

Synonyms: CT1.4; MAGE-41; MAGE-X2; MAGE4; MAGE4A; MAGE4B

**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. Several variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2020]

### Product images:



Coomassie blue staining of purified MAGEA4 protein (Cat# [TP304482]). The protein was produced from HEK293T cells transfected with MAGEA4 cDNA clone (Cat# [RC204482]) using MegaTran 2.0 (Cat# [TT210002]).