

Product datasheet for **TP308175**

MAVS (NM_020746) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human virus-induced signaling adapter (VISA), nuclear gene encoding mitochondrial protein, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208175 protein sequence Red =Cloning site Green =Tags(s)

MPFAEDKTYKYICRNFSNFCNVDVVEILPYLPCLTARDQDLRATCTLSG NRDTLWHLFNTLQRRPGWVE
YFIAALRGCELVDLADEVASVYESYQRTSDRPPDLEPPSLPAERPGPPTPAAAH SIPYNCREKEPSY
PMPVQETQAPESPGENSEQALQTLSPRAIPRNPDGGPLESSDLAALSPLTSSGHQEKDTELGSTHTAGA
TSSLTPSRGPVSPVSFQPLARSTPRASRLPGPTGSVSTGTSFSSSSPGLASAGAAEGKQGAESDQAEP
IICSSGAEAPANSLPSKVPTTLMPVNTVALKVPANPASVSTVPSKLP TSSKPPGAVPSNALTNPAPSKLP
INSTRAGMVP SKVPTSMVLTKVASTVPTDGSSRNEETPAAPT PAGATGGSSAWLDSSFENRGLGSELSK
PGVLASQVDSPFSGCFEDLAISASTSLGMGPCHGPEENEYKSEGTFGIHVAENPSIQLLEGNP GPPADPD
GGPRPQADRKFQEREVPCHRPSPGALWLQVAVTGVLVVTLLVWLYRRRLH

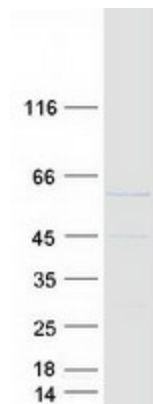
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.3 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
Bioactivity:	Surface Plasmon Resonance (SPR) (PMID: 27252539)
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.



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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_065797
Locus ID:	57506
UniProt ID:	Q7Z434
RefSeq Size:	11771
Cytogenetics:	20p13
RefSeq ORF:	1620
Synonyms:	CARDIF; IPS-1; IPS1; VISA
Summary:	This gene encodes an intermediary protein necessary in the virus-triggered beta interferon signaling pathways. It is required for activation of transcription factors which regulate expression of beta interferon and contributes to antiviral innate immunity. [provided by RefSeq, Jul 2020]
Protein Families:	Transmembrane
Protein Pathways:	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway

Product images:

Coomassie blue staining of purified MAVS protein (Cat# TP308175). The protein was produced from HEK293T cells transfected with MAVS cDNA clone (Cat# [RC208175]) using MegaTran 2.0 (Cat# [TT210002]).