

Product datasheet for PH308175

MAVS (NM_020746) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MAVS MS Standard C13 and N15-labeled recombinant protein (NP_065797)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208175
Predicted MW:	56.6 kDa
Protein Sequence:	>RC208175 protein sequence Red=Cloning site Green=Tags(s)

MPFAEDKTYKYICRNFSNFCNVDVVEILPYLPCLTARDQDLRATCTLSGNRDTLWHLFNTLQRRPGWVE
YFIAALRGCELVDLADEVASVYESYQPRTSDRPPDLEPPSLPAERPGPPTPAAAHSIPYNCREKEPSY
PMPVQETQAPESPGENSEQALQTLSPRAIPRNPDPGGPLESSDLAALSPLTSSGHQEKDTELGSTHTAGA
TSSLTPSRGPVSPVSFQPLARSTPRASRLPGPTGSVVSTGTFSSSSPGLASAGAAEGKQGAESDQAE
IICSSGAEAPANSLPSKVPTTLMPVNTVALKVPANPASVSTVPSKLPSTSSKPPGAVPSNALTNPAPSKLP
INSTRAGMVPKVPSTSMVLTKVSASTVPTDGSSRNEETPAAPTAPAGATGGSSAWLDSSFENRGLGSELSK
PGVLASQVDSFSGCFEDLAISASTSLGMGPCHGPEENEYKSEGTFGIHVAENPSIQLLEGNPGPPADPD
GGPRPQADRKFQEREVPCHRPSPGALWLQVAVTGVLVVTLLVVLVYRRRLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_065797</u>
RefSeq Size:	11771
RefSeq ORF:	1620



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Synonyms: CARDIF; IPS-1; IPS1; VISA

Locus ID: 57506

UniProt ID: [Q7Z434](#)

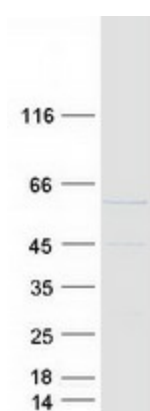
Cytogenetics: 20p13

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]).