

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

Cat. No. MAVS-149HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAVS Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Surface Plasmon Resonance (SPR)
Molecular Mass	56.3 kDa
AA Sequence	MPFAEDKTYKYICRNFNFCNVDVVEILPYLPCLTARDQDRLRATCTLSGNRDTLWH LFNTLQRRPGWVE YFIAALRGCELVDLADEVASVYESYQPRTSRPPDPLEPPSLP AERPGPPTPAAAH SIPYN SCREKEPSY PMPVQETQAPESPGENSEQALQTLSPRAI PRNPDGGPLESSDLAALSPLTSSGHQEKDTELGSTHTAGA TSSLTPSRGPVSPSV SFQPLARSTPRASRLPGPTGSVVSTGTSSFSSSSPGLASAGAAEGKQGAESDQAEP I ICSSGAEAPANSLPSKVPTTLMPVNTVALKV PANPASVSTVPSKLPTSSKPPGAVPS NALTNPAPSKLP INSTRAGMVPSKVPTSMVLTKVSASTVPTDGSSRNEETPAATP

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AGATGGSSAWLDSSFENRGLGSELSK PGVLASQVDSPFSGCFEDLAISASTSLGM
 GPCHGPEENEYKSEGTFGIHVAENPSIQLLEGNPGPPADPD
 GGPRPQADRKFQEREVPCHRPSPGALWLQVAVTGVLVVTLLVVLVYRRRLHTRTRPL
 EQKLISEEDLAANDILDYKDDDDKV

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.
Protein Families	Transmembrane
Protein Pathways	Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

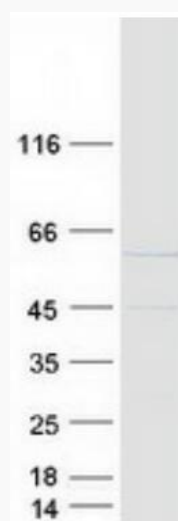
Gene Name	MAVS mitochondrial antiviral signaling protein [Homo sapiens (human)]
Official Symbol	MAVS
Synonyms	IPS1; VISA; IPS-1; CARDIF

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Gene ID	57506
mRNA Refseq	NM_020746.5
Protein Refseq	NP_065797.2
MIM	609676
UniProt ID	Q7Z434



Coomassie blue staining of purified MAVS protein.