
Product Data Sheet

Product Name: MAVS Human

Cat. No.: GP23888

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CARDIF; IPS-1; IPS1; VISA; Mitochondrial antiviral-signaling protein; MAVS; Putative NF-kappa-B-activating protein 031N; Virus-induced-signaling adapter; KIAA1271.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPFAEDK TYKYICRNFS NFCNVDVVEI LPYLPCLTAR DQDRLRATCT LSGNRDTLWH LFNTLQRRPG WVEYFIAALR GCELVDLADE VASVYQSYQP RTSDRPPDPL EPPSLPAERP GPPTPAAAHS IPYNCREKE PSYPMPVQET QAPESGENS EQALQTLSPR AIRNPDGGP LESSDLAAL SPLTSSGHQE QDELGSTHT AGATSSLTPS RGPVSPSVSF QPLARSTPRA SRLPGPTGSV VSTGTSFSS SPGLASAGAA EGKQGAESDQ AEPIICSSGA EAPANSLPSK VPTTLMPVNT VALKVPANPA SVSTVPSKLP TSSKPPGAVP SNALTNPAPS KLPINSTRAG MVPSKVPTSM VLTKVSASTV PTDGSSRNEE TPAAPT PAGA TGGSSAWLDS SSENRLGSE LSKPGVLASQ VDSPFSGCFE DLAISASTSL GMGPCHGPEE NEYKSEGTFG IHVAENPSIQ LLEGNPGPPA DPDGGPRPQA DRKFQEREVP CHRPSF.		
Formulation	The MAVS solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Mitochondrial antiviral signaling protein (MAVS) is vital for innate immune defense against viruses. MAVS is an intermediary protein essential in the virus-triggered IFN-beta signaling pathways. MAVS is involved in activation of transcription factors that regulate expression of IFN-beta and contributes to antiviral immunity.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MAVS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 536 amino acids (1-513) and having a molecular mass of 55.9 kDa. MAVS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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