

Mitochondrial Antiviral Signaling Protein Human Recombinant

Item Number	rAP-3898
Synonyms	CARDIF, IPS-1, IPS1, VISA, Mitochondrial antiviral-signaling protein, MAVS, CARD adapter inducing interferon beta, Interferon beta promoter stimulator protein 1, Putative NF-kappa-B-activating protein 031N, Virus-induced-signaling adapter, KIAA1271.
Description	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.
Uniprot Accesion Number	Q7Z434
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPFAEDK TYKYICRNFS NFCNVDVVEI LPYLPCLTAR DQDRLRATCT LSGNRDTLWH LFNTLQRPPG WVEYFIAALR GCELVDLADE VASVYQSYQP RTS-DRPPDPL EPPSLPAERP GPPTPAAAHs IPYNSCREKE PSYPMPVQET QAPESPGENS EQALQTLSPR AIPRNPDPGP LESSSDLAAL SPLTSSGHQE QDTELGSTHT AGATSSLTPS RGPVSPSVSF QPLARSTPRA SRLPGPTGSV VSTGTSFSSS SPGLASAGAA EGKQGAESDQ AEPIICSSGA EAPANSLPSK VPTTLMPPVNT VALKVPANPA SVSTVPSKLP TSSKPPGAVP SNALTNPAPS
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer 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.
Formulation and Purity	The MAVS solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**