

32-4177: Recombinant Human Mitochondrial Antiviral Signaling Protein

Alternative Name : 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

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

Product Info

Amount : 5 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Content : The MAVS solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMPPFAEDK TYKYICRNFS NFCNVDVVEI LPYLPCLTAR DQDRLRATCT LSGNRDTLWH LFNTLQRRPG WVEYFIAALR GCELVDLADE VASVYQSYQP RTSDRPPDPL EPPSLPAERP GPPTPAAHS IPYNCREKE PSYPMPVQET QAPESPGENS EQALQTLSPR AIPRNPDGGP LESSDLAAL SPLTSSGHQE QDTELGSTHT AGATSSLTPS RGPVSPSVSF QPLARSTPRA SRLPGPTGSV VSTGTSFSSS 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 CHRPS.

