

**MAVS, 1-513aa Human, His tag, E.coli**

**Cat.NO.: TP02918**

3th Edition

**Synonyms:**Mitochondrial antiviral signaling protein, CARDIF, IPS-1, IPS1, VISA

**Description:**Mitochondrial antiviral signaling protein, also known as MAVS, is required for innate immune defense against viruses. 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 immunity. Recombinant human MAVS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**55.9 kDa (536aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMPPFAEDKTYKYICRNFSNFCNVDVVEILPYLPCLTARDQDRLRATCTLSG NR  
DTLWHLFNTLQRRPGWVEYFIAALRGCELVDLADDEVASVYQSYQPRTSDRPPDPLEPPSLPAERP GPPTPAAAHSI  
PYNSCREKEPSYPMPVQETQAPESPGENSEQALQTLSPRAIPRNP DGGPLESSSDLAALSPLTSSGHQE QDTELG  
STHTAGATSSLTPSRGPVSPSVSFQPLARSTPRASRLPGPTG SVVSTGTSFSSSSPGLASAGAAEGKQGAESDQA  
EPIICSSGAEAPANSLPSKVPTTLMVNTVALKVPANPASVSTVPSKLP TSSKPPGAVPSNALTNPAPSKLPINSTR A  
GMVPSKVPTSMVLTKVSASTVPTDGSSRNEETPAAPTPAGATGGSSAWLDSSSEN RGLGSELSKPGVLASQVDS  
PFGSGFEDLAISASTSLGMGPCHGPEENEYKSEGTFGIHVAENPSIQLLEG NPGPPADPDGGPRPQADRKFQERE  
VPCHRPSP

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.