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MAVS Human

Catalog #:PRPS-1358

For research use only.

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.

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.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMPFAEDK TYKYICRNFS NFCNVDVVEI LPYLPCLTAR DQDRLRATCT LSGNRDTLWH LFNTLQRRPG WVEYFIAALR GCELVDLADE VASVYQSYQP RTSDRPPDPL EPPSLPAERP GPPTPAAAHS IPYNSCREKE PSYPMPVQET QAPESPGENS EQALQTLSPR AIPRNPDGGP LESSSDLAAL SPLTSSGHQE QDTELGSTHT AG

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

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

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

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