

Recombinant Mouse Mavs Protein, His&GST-tagged

Cat. No. Mavs-380M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mavs Protein (Met1-Phe225) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe225
Description	Enables signaling adaptor activity. Involved in several processes, including negative regulation of viral genome replication; positive regulation of myeloid dendritic cell cytokine production; and regulation of peroxisome organization. Acts upstream of or within RIG-I signaling pathway; positive regulation of defense response to virus by host; and positive regulation of type I interferon production. Located in mitochondrion and peroxisome. Orthologous to human MAVS (mitochondrial antiviral signaling protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.6 kDa Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Mavs mitochondrial antiviral signaling protein [Mus musculus (house mouse)]
Official Symbol	Mavs
Synonyms	Mavs; mitochondrial antiviral signaling protein; Visa; IPS-1; cardif; D430028G21Rik; mitochondrial antiviral-signaling protein; CARD adapter inducing interferon beta; IFN-beta promoter stimulator-1; interferon beta promoter stimulator protein 1; mitochondrial anti-viral signaling protein; virus-induced signaling adapter
Gene ID	228607
mRNA Refseq	NM_144888
Protein Refseq	NP_659137
UniProt ID	Q8VCF0