

Recombinant Rat Mavs Protein, His&GST-tagged

Cat. No. Mavs-381R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mavs Protein (Met1-Phe225) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Phe225
Description	Predicted to enable CARD domain binding activity; protein kinase binding activity; and signaling adaptor activity. Predicted to be involved in several processes, including defense response to other organism; positive regulation of cytokine production; and regulation of defense response. Predicted to act upstream of or within RIG-I signaling pathway and positive regulation of type I interferon production. Predicted to be located in mitochondrial outer membrane and peroxisomal membrane. Orthologous to human MAVS (mitochondrial antiviral signaling protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.8 kDa Accurate Molecular Mass: 55 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Mavs
Synonyms	Mavs; mitochondrial antiviral signaling protein; Visa; mitochondrial antiviral-signaling protein; IPS-1; interferon beta promoter stimulator protein 1; virus-induced signaling adaptor; virus-induced-signaling adapter
Gene ID	311430
mRNA Refseq	NM_001005556
Protein Refseq	NP_001005556
UniProt ID	Q66HG9

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