

Recombinant Mouse Ifitm2 Protein, His-tagged

Cat. No. Ifitm2-1646M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifitm2 Protein (Met1-Phe144) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe144
Description	Involved in negative regulation of viral entry into host cell and response to virus. Acts upstream of or within defense response to virus. Predicted to be located in late endosome membrane and lysosomal membrane. Predicted to be part of protein-containing complex. Predicted to be active in plasma membrane. Is expressed in several structures, including 4-cell stage embryo; brain; genitourinary system; hemolymphoid system; and liver. Orthologous to human IFITM2 (interferon induced transmembrane protein 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.4 kDa Accurate Molecular Mass: 19 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, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Ifitm2 interferon induced transmembrane protein 2 [Mus musculus (house mouse)]
Official Symbol	Ifitm2
Synonyms	IFITM2; interferon induced transmembrane protein 2; interferon-induced transmembrane protein 2; fragilis R; fragilis protein 3; interferon induced transmembrane protein, like; mil-3; Ifitm3l; fragilis3; MGC102396;
Gene ID	80876
mRNA Refseq	NM_030694
Protein Refseq	NP_109619
UniProt ID	Q99J93

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