Recombinant Mouse Ifna9 Protein, His-tagged

Cat. No. Ifna9-2765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifna9 Protein (Cys22-Glu188) with N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Cys22-Glu188
Description	Predicted to enable cytokine activity and type I interferon receptor binding activity. Acts upstream of or within defense response to virus and natural killer cell activation involved in immune response. Located in extracellular space. Human ortholog(s) of this gene implicated in Crimean-Congo hemorrhagic fever; common cold; hepatitis B; liver disease (multiple); and sarcoidosis. Orthologous to several human genes including IFNA10 (interferon alpha 10); IFNA14 (interferon alpha 14); and IFNA16 (interferon alpha 16).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.7 kDa Accurate Molecular Mass: 22/20 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 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Ifna9 interferon alpha 9 [Mus musculus (house mouse)]
Official Symbol	Ifna9
Synonyms	Ifna9; interferon alpha 9; Ifa9; If1ai3; interferon alpha-9; IFN-alpha-9; interferon 1ai3; interferon alpha family, gene 9
Gene ID	15972
mRNA Refseq	NM_010507
Protein Refseq	NP_034637
UniProt ID	P09235

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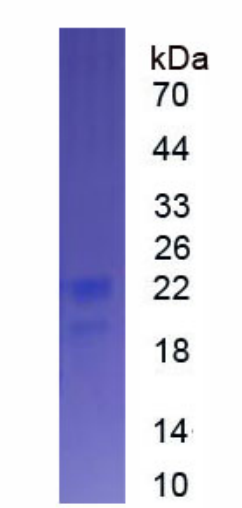

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