Recombinant Rat Ifna11 Protein, His-tagged

Cat. No. Ifna11-974R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ifna11 Protein (Thr20-Lys191) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Thr20-Lys191
Description	Predicted to enable cytokine activity and type I interferon receptor binding activity. Predicted to be involved in several processes, including B cell activation; lymphocyte activation involved in immune response; and positive regulation of peptidyl-serine phosphorylation of STAT protein. Predicted to be active 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: 21.3 kDa; Accurate Molecular Mass: 22 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

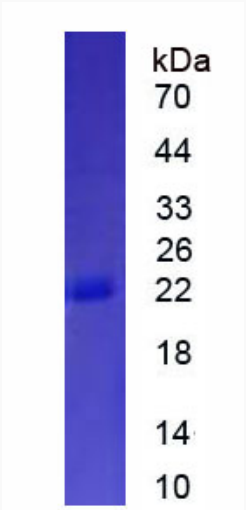
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. 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	Ifna11 interferon alpha family, gene 11 [Rattus norvegicus (Norway rat)]
Official Symbol	Ifna11
Synonyms	IFNA11; interferon alpha family, gene 11;
Gene ID	298211

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