

Recombinant Mouse Ifna14 Protein, His-tagged

Cat. No. Ifna14-1649M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifna14 Protein (Cys24-Lys189) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Cys24-Lys189
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: 22.7 kDa Accurate Molecular Mass: 23 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	Ifna14 interferon, alpha 14 [Mus musculus (house mouse)]
Official Symbol	Ifna14
Synonyms	IFNA14; interferon, alpha 14; RP23-67C1.2; MGC155959; OTTMUSG00000007662;
Gene ID	404549
mRNA Refseq	NM_206975
Protein Refseq	NP_996858
UniProt ID	Q810G3

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