

## Recombinant Mouse Ifna14 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ifna14 Protein (Cys24-Lys189) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys24-Lys189
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.7 kDa Accurate Molecular Mass: 23 kDa
<b>Purity</b>	> 90%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ifna14 interferon, alpha 14 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Ifna14</a>
<b>Synonyms</b>	IFNA14; interferon, alpha 14; RP23-67C1.2; MGC155959; OTTMUSG00000007662;
<b>Gene ID</b>	<a href="#">404549</a>
<b>mRNA Refseq</b>	<a href="#">NM_206975</a>
<b>Protein Refseq</b>	<a href="#">NP_996858</a>
<b>UniProt ID</b>	<a href="#">Q810G3</a>

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