

Active Recombinant Mouse Ifng4 protein, Fc-tagged

Cat. No. Ifng4-122M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifng4 (Cys 25-Glu 186) fused with the Fc region of human IgG1 at N-terminal was expressed in Human Cells.
Species	Mouse
Source	HEK293
ProteinLength	Cys 25-Glu 186
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.41. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Bio-activity	Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV).The ED50 for this effect is typically 0.2-1 ng/mL.
Molecular Mass	The recombinant mouse IFNA4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 422 amino acids and has a calculated molecular mass of 47.2 kD as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>85 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Ifna4 interferon alpha 4 [Mus musculus]
Official Symbol	Ifna4
Synonyms	lfa4; interferon alpha-4; IFN-alpha-4; MuIFN-alpha 4; interferon alpha family, gene 4
Gene ID	15967
mRNA Refseq	NM_010504
Protein Refseq	NP_034634
MIM	
UniProt ID	P07351

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Chromosome Location	4 C4; 4 42.03 cM
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Influenza A, organism-specific biosystem
Function	cytokine activity; cytokine receptor binding; type I interferon receptor binding

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