Active Recombinant Mouse Ifng13 protein, Fc-tagged

Cat. No. Ifng13-123M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifng13 (Cys 24-Glu 189) fussed with the Fc region of human IgG1 at N-terminal was expressed in Human Cells.
Species	Mouse
Source	HEK293
ProteinLength	Cys 24-Glu 189
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 2-8 ng/mL.
Molecular Mass	The recombinant mouse IFNA13/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 426 amino acids and has a predicted molecular mass of 47.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IFNA13/Fc m
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	>97 % as determined by SDS-PAGE
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	Ifna13 interferon alpha 13 [Mus musculus]
Official Symbol	Ifna13
Synonyms	interferon alpha-13; IFN-alpha-13; interferon alpha family, gene 13
Gene ID	230396
mRNA Refseq	NM_177347
Protein Refseq	NP_796321
MIM	

UniProt ID	Q80SU4
Chromosome Location	4 C4; 4 42.02 cM
Pathway	Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem
Function	cytokine activity; cytokine receptor binding; type I interferon receptor binding

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