

Active Recombinant Mouse Ifna13, Fc-tagged

Cat. No. Ifna13-123M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the secreted form of mouse IFNA13 (Cys 24-Glu 189) was fused with the Fc region of human IgG1 at the N-terminus.
Species	Mouse
Source	Human Cells
ProteinLength	24-189 a.a.
Description	Interferon alpha-1/13, also known as IFN-alpha-1/13, is a protein that in humans is encoded by the IFNA1 and IFNA13 genes.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>97 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -20°C to -80°C. 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.
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?(house mouse)]
Official Symbol	Ifna13
Synonyms	Ifna13; interferon alpha 13; interferon alpha-13; IFN-alpha-13; interferon alpha family, gene 13
Gene ID	230396
mRNA Refseq	NM_177347
Protein Refseq	NP_796321
UniProt ID	Q80SU4

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Chromosome Location	4 C4; 4 42.02 cM
Pathway	Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway
Function	cytokine activity; cytokine receptor binding; type I interferon receptor binding

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