

IFN-alpha 13 Recombinant Protein | IFNA13 recombinant protein

IFN-alpha 13 Protein, Mouse, Recombinant (hFc Tag)

CATALOG #
AAA257482

HOST
HEK293 Cells

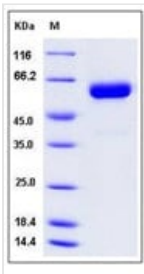
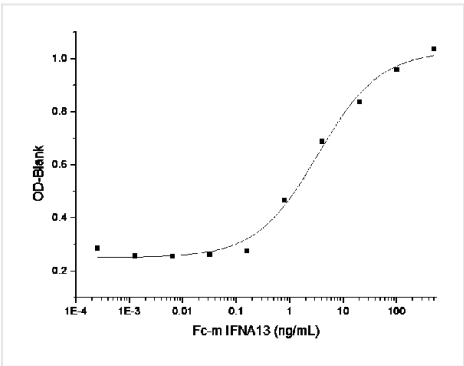
PRODUCT SYNONYMS

IFN-alpha 13; IFN-alpha 13 Protein; Mouse; Recombinant (hFc Tag); Mouse IFNA13/Interferon alpha-13 Protein (Fc Tag); interferon; alpha 13; RP23-139P14.1 Protein; IFNA13 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>97 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4 Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	426aa
Sequence	Cys24-Glu1 89
Species	Mouse
Tag	hFc
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Glu
Protein Construction	JA DNA sequence encoding the secreted form of mouse IFNA13 (Q80SU4 (Cys 24-Glu 189) was fused with the Fc region of human IgG1 at the N-terminus
Activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 2-8ng/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack

IMAGES



Application Data

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Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 2-8 ng/mL.

ADDITIONAL INFORMATION

References	Mahmutovic S, et al.. (2004) Significance of the interferon (IFN) in the therapy. Bosh J Basic Med Sci. 4(4): 42-4.Wang, et al.. (2004) Fever of recombinant human interferon-alpha is mediated by opioid domain interaction with opioid receptor inducing prostaglandin E2. J Neuroimmunol. 156(1-2): 107-12.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28893479
NCBI GeneID	230396
NCBI Accession #	NP_796321.1
NCBI GenBank Nucleotide #	NM_177347.2
UniProt Accession #	Q80SU4
Molecular Weight	21,567 Da
NCBI Official Full Name	interferon alpha-13
NCBI Official Synonym Full Names	interferon alpha 13
NCBI Official Symbol	Ifna13
NCBI Protein Information	interferon alpha-13; IFN-alpha-13; interferon alpha family, gene 13
UniProt Protein Name	Interferon alpha-13
UniProt Gene Name	Ifna13
UniProt Synonym Gene Names	IFN-alpha-13
UniProt Entry Name	IFNAD_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.