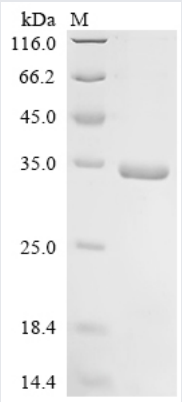
Interferon Alpha-2 (IFNA2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Interferon alpha-2 (Ifna2), Recombinant Protein
Full Product Name	Recombinant Mouse Interferon alpha-2 (Ifna2)
Product Gene Name	Ifna2 recombinant protein
Product Synonym Names	IFN-alpha-2
Sequence	CDLPHTYNLR NKRALKVLAQ MRRLPFLSCL KDRQDFGFPL EKVDNQQIQK AQAIPVLRDL TQQTLNLFTS KASSAAWNAT LLDSFCNDLH QQLNDLQTCL MQQVGVQEPP LTQEDALLAV RKYFHRITVY LREKKHSPCA WEVVRAEVWR ALSSSVNLLP RLSEEKE
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Purity/Purification	Greater than 85% as determined by SDS-PAGE. (lot specific)
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Molecular Weight	21,922 Da
Sequence Positions	24-190aa; Full Length of Mature Protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P01573
Species	Mus musculus (Mouse)
Tag	N-terminal 6xHis-SUMO-tagged
Research Area	Others
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ifna2 recombinant protein	MBS9020431 is a recombinant protein targeting Ifna2. Also known as Recombinant Mouse Interferon alpha-2 (Ifna2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. Produced by macrophages, IFN-alpha have antiviral activities.
Product References and Citations for Ifna2 recombinant protein	"Characterization of the murine alpha interferon gene family."van Pesch V., Lanaya H., Renauld J.C., Michiels T.J. Virol. 78:8219-8228(2004)
Other Notes	Small volumes of Ifna2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of Ifna2 recombinant protein
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ifna2. It may not necessarily be applicable to this product.

NCBI GI #	126722649
NCBI GeneID	15965
NCBI Accession #	NP_034633.2
UniProt Primary Accession #	P01573
UniProt Secondary Accession #	Q61717
UniProt Related Accession #	P01573
GenBank Nucleotide #	NM_010503.2
NCBI Official Full Name	interferon alpha-2
NCBI Official Synonym Full Names	interferon alpha 2
NCBI Official Symbol	Ifna2
NCBI Official Synonym Symbols	Ifa2
UniProt Protein Name	Interferon alpha-2
UniProt Gene Name	Ifna2
UniProt Synonym Gene Names	IFN-alpha-2
NCBI Protein Information	interferon alpha-2
UniProt Comments for Ifna2	Produced by macrophages, IFN-alpha have antiviral activities.
Research Articles on Ifna2	**1.** Data indicate that the combination of AAV2.IL-4 and AAV2.IFN-alpha was not significantly different as compared to AAV2.IL-4 alone.
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