

IFNA14 recombinant protein

IFNA14 Protein, Mouse, Recombinant (hFc Tag)

CATALOG #
AAA257480

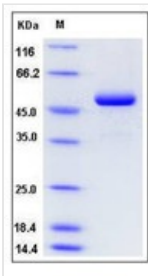
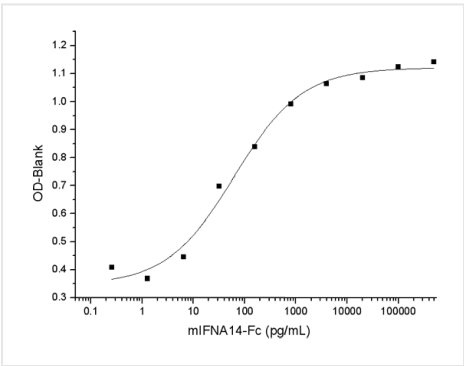
HOST
HEK293 Cells

PRODUCT SYNONYMS

IFNA14; IFNA14 Protein; Mouse; Recombinant (hFc Tag); Mouse IFNA14/Interferon alpha-14 Protein (Fc Tag); interferon; alpha 14; OTTMUSG00000007662 Protein; IFNA14 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>92 % 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-Lys1 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 IFNA14 (NP_996858.1) (Cys 24-Lys 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 10-100 pg/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



Application Data

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ADDITIONAL INFORMATION

References	Lau JY, et al. (1993) Discrepancy between biochemical and virological responses to interferon-alpha in chronic hepatitis C. Lancet. 342(8881): 1208-9.Kessler DS, et al. (1990) Interferon-alpha regulates nuclear translocation and DNA-binding affinity of ISGF3, a multimeric transcriptional activator. Genes Dev. 4(10): 1753-65.Guttermann JU. Cytokine therapeutics: lessons from interferon alpha. Proc Natl Acad Sci U S A. 91(4): 1198-205.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant mouse IFNA14/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 426 amino acids and has a predicted molecular mass of 47.4kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IFNA14/Fc
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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.