

IFNA14 recombinant protein

IFNA14 Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA257481

HOST
HEK293 Cells

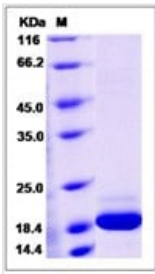
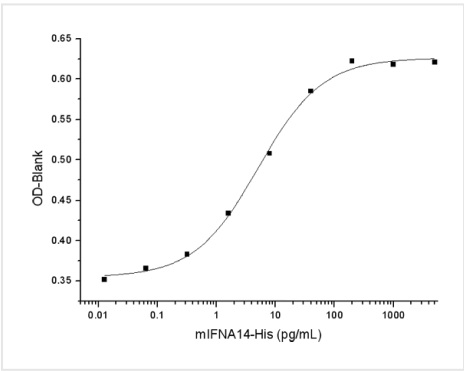
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90 % 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	177aa
Sequence	Cys24-Lys1 89
Species	Mouse
Tag	C-His
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Cys24
Protein Construction	JA DNA sequence encoding the mouse IFNA14 (NP_996858.1) (Cys24-Lys189) was expressed with a C-terminal polyhistidine tag
Activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 5-40 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

IMAGES



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. Gutterman JU. Cytokine therapeutics: lessons from interferon alpha. *Proc Natl Acad Sci U S A*. 91(4): 1198-205.

NCBI AND UNIPROT INFORMATION

Molecular Weight

The recombinant mouse IFNA14 comprises 177 amino acids and has a predicted molecular mass of 20.5kDa. The apparent molecular mass of the protein is approximately 20kDa in SDS-PAGE under reducing conditions.

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.