Mesocricetus auratus IFN alpha/beta R2 Protein

Cat. No. IFN-HM1R2

Description

Source	Recombinant Mesocricetus auratus IFN alpha/beta R2 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Thr46-Lys266.
Accession	XP_040606429.1
Molecular Weight	The protein has a predicted MW of 26.44 kDa. Due to glycosylation, the protein migrates to 42-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

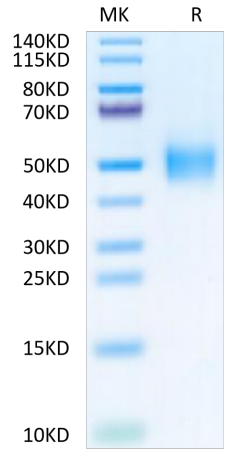
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Although interferon (IFN)-α is known to exert immunomodulatory and antiproliferative effects on dendritic cells (DCs) through induction of protein-coding IFN-stimulated genes (ISGs), little is known about IFN-α-regulated miRNAs in DCs. Since several miRNAs are involved in regulating DC functions, it is important to investigate whether IFN-α's effects on DCs are mediated through miRNAs as well.

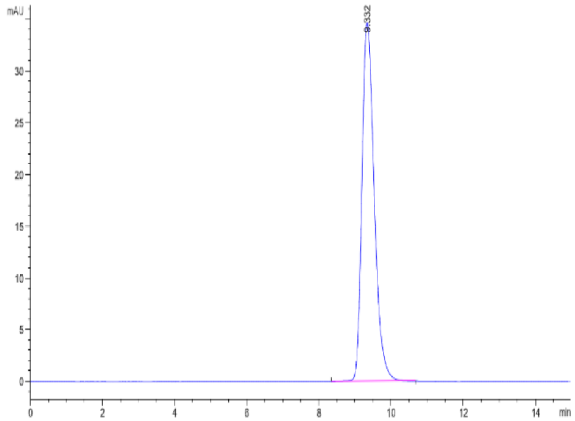
Assay Data

Bis-Tris PAGE



Mesocricetus auratus IFN alpha/beta R2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mesocricetus auratus IFN alpha/beta R2 is greater than 95% as determined by SEC-HPLC.