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Datasheet for ABIN6992387

IFN alpha 2b Protein (AA 24-188) (Fc Tag)

2 Images

Overview

Quantity:	100 µg
Target:	IFN alpha 2b
Protein Characteristics:	AA 24-188
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IFN alpha 2b protein is labelled with Fc Tag.

Product Details

Purpose:	Human IFN-alpha 2b (K46R) Protein, Fc Tag (MALS verified)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IFN alpha 2b
Alternative Name:	IFN-alpha 2b (IFN alpha 2b Products)
Background:	IFN-alpha is a cytokine that has an immunomodulatory function. It plays an important role not only in antiviral activity but also in several physiologic functions, such as activation of dendritic cells and accelerated expression of major histocompatibility complex I and II molecules that may cause increased antigen presentation. Variants of human leukocyte interferon alpha 2

Target Details

(IFN-alpha 2a, alpha 2b, and alpha 2c) differ from each other by changes in their coding regions at nucleotide positions 137 and 170. IFN-alpha 2b (IFN α -2b) is an important cytokine and used for antiviral and anticancer treatment.

Molecular Weight: 45.7 kDa

Application Details

Restrictions: For Research Use only

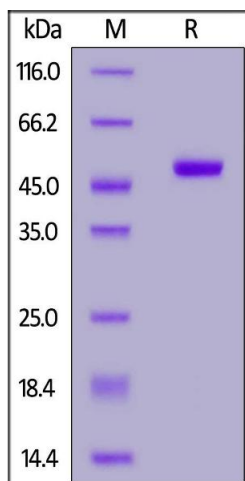
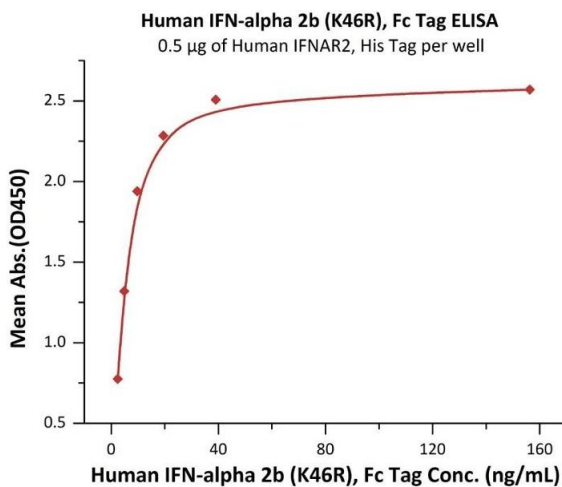
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human IFNAR2, His Tag (ABIN2181253, ABIN2181252) at 5 μ g/mL (100 μ L/well) can bind Human 2b (K46R), Fc Tag (ABIN6992387) with a linear range of 2.4-10 ng/mL (QC tested).

SDS-PAGE

Image 2. Human 2b (K46R), Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 %.