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Datasheet for ABIN7319743 IFNAR1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	IFNAR1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IFNAR1 Protein (His Tag)
Sequence:	Lys28-Leu200
Characteristics:	A DNA sequence encoding the Human IFNAR1 (P17181-1) (Lys28-Leu200) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	IFNAR1
Alternative Name:	IFNAR1 (IFNAR1 Products)
Background:	Background: Component of the receptor for type I interferons, including interferons alpha, IFNB1 and IFNW1. Functions in general as heterodimer with IFNAR2 . Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits

Target Details

themselves. Can form an active IFNB1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway.

Synonym: Interferon alpha/beta receptor 1,IFN-R-1 IFN-alpha/beta receptor 1,Cytokine receptor class-II member 1,Cytokine receptor family 2 member 1,CRF2-1,Type I interferon receptor 1,IFNAR

Molecular Weight: 20 kDa

Pathways: [JAK-STAT Signaling](#), [Hepatitis C](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.