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IFNAR1 Protein (AA 27-284) (His tag)



Overview

Quantity:	100 μg
Target:	IFNAR1
Protein Characteristics:	AA 27-284
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IFNAR1 protein is labelled with His tag.

Product Details

Sequence:	Glu27-Cyc284
Characteristics:	A DNA sequence encoding the Mouse IFNAR1 (P33896-1) (Glu27-Cyc284) 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:	Abbreviation: IFNAR1
	Target 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

Target Details

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

Molecular Weight:

Calculated MW: 29.36 kDa

Observed MW: 31.66 kDa

UniProt:

P33896-1

Pathways:

JAK-STAT Signaling, Hepatitis C

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
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.
Expiry Date:	12 months