

Recombinant Human IFNAR1 Protein (His Tag)

Catalog Number:PDEH100016



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	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
Species	Human
Expression Host	E.coli
Sequence	Lys28-Leu200
Accession	P17181-1
Calculated Molecular Weight	20.0 kDa
Observed molecular weight	22.3 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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.

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