

Recombinant Mouse IFNAR1 Protein (His Tag)

Catalog Number: PDEM100011



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

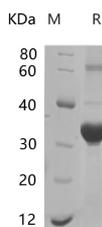
Description

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	Mouse
Expression Host	E.coli
Sequence	Glu27-Cyc284
Accession	P33896-1
Calculated Molecular Weight	29.4 kDa
Observed molecular weight	31.66 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.

Data



> 85 % as determined by reducing SDS-PAGE.

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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