

Recombinant Human IFN-gamma R2 Protein

Catalog No.: RP01650

Sequence Information

Species	Gene ID
Human	3460
Swiss Prot	Tags
P38484	C-Rabbit Fc

Synonyms

AF-1; IFGR2; IMD28; IFNGT1;
IFNGR2

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW Observed MW

49.71 kDa 65–75 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Interferon-gamma receptor beta chain (IFNgammaR2), also known as IFNGR2, belongs to the type II cytokine receptor family, whose deficiency is a cause of autosomal recessive mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. This accessory factor is an integral part of the IFN-gamma signal transduction pathway and is likely to interact with GAF, JAK1, and/or JAK2.

Basic Information

Description

Recombinant Human IFN-gamma R2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser28-Asp240) of human IFN-gamma R2 (Accession #NP_005525.2) fused with and a RaFc tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

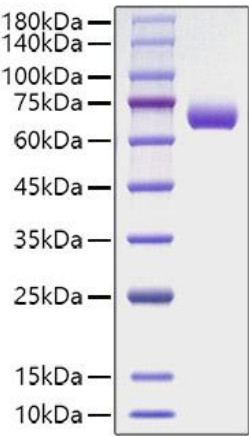
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Validation Data



Recombinant Human IFN-gamma R2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.