

Overview

Synonyms	IFNGR2, IFNGT1
Description	IFN-gamma Receptor II , also known as IFNGR2 and IFNGT1, is a transmembrane protein belonging to the type II cytokine receptor family. IFNGR2 is a non-ligand-binding beta chain of the IFN-gamma receptor. It is an integral part of the IFN-gamma signaling transduction pathway and is likely to interact with GAF, JAK1 and JAK2. Defects in IFNGR2 are a cause of autosomal recessive Mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection.
Accession No	P38484
Species	Human
Source	CHO
Biological Activity	ED ₅₀ < 0.1 µg/ml, measured in a cell cytotoxicity assay using HT-29 (HTB-38) cells in the presence of 1ng/ml human IFN-gamma.
Sequence	SQLPAPQHPK IRLYNAEQVL SWEPVALSNS TRPVVYQVQF KYTDSKWFTA DIMSIGVNCT QITATECDFE AASPSAGFPM DFNVTLRRLRA ELGALHSAWV TMPWFQHYRN VTVGPPENIE VTPGEGSLII RFSSPFDIAD TSTAFFCYIV HYWEKGGIQQ VKGPFRRNSI SLDNLKPSRV YCLQVQAQLL WNKSNIIFRVG HLSNISCYET MADASTELQQ

Properties

Measured Molecular Weight	38-40 kDa, observed by reducing SDS-PAGE.
Purity	> 95% as analyzed by SDS-PAGE.
Formulation	Lyophilized after extensive dialysis against PBS.
Reconstitution	Reconstituted in ddH ₂ O or PBS at 100 µg/ml.
Endotoxin Level	< 0.2 EU/µg, determined by LAL method.
Storage	Lyophilized recombinant Human IFN-gamma Receptor II remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Human IFN-gamma Receptor II should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura,
Delhi – 110034 (INDIA).

Mobile: +91-9810521400, Ph: +91-11-42208000

Email: customerservice@lifetechindia.com

Web: www.lifetechindia.com