
Product Data Sheet

Product Name: IFNAR1 Human
 Cat. No.: GP26033
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	IFN-alpha/beta R1, IFNAR1, AVP, IFN-alpha-REC, IFNAR, IFNBR, IFRC, 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.		
Amino Acid Sequence	KNLKSPQKVE VDIIDDNFIL RWNRSDESVG NVTFSFDYQK TGMDNWIKLS GCQNITSTKC NFSSLKLNLY EEIKLRIRAE KENTSSWYEV DSFTPFRKAQ IGPPEVHLEA EDKAIIVHIS PGTKDSVMWA LDGLSFTYSL VIWKNSSGVE ERIENIYSRH KIYKLSPETT YCLKVKAALL TSWKIGVYSP VHCIKTTVEN ELPPPENIEV SVQONQNYVLK WDYTYANMTF QVQWLHAFK RNPGNHLYKW KQIPDCENVK TTQCVFPQNV FQKGIYLLRV QASDGNNTSF WSEEIKFDTE IQAFLLPPVF NIRSLSDSFH IYIGAPKQSG NTPVIQDYPL IYEIIFWENT SNAERKIIK KTDVTVPNLK PLTVYCVKAR AHTMDEKLNK SSVFSDAVCE KTKPGNTSKH HHHHH.		
Formulation	IFNAR1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol.		

Introduction

Interferon Alpha And Beta Receptor or IFNAR1, is part of the class II cytokine receptor family. IFNAR1 forms one of the two chains of a receptor for interferons alpha and beta. IFNAR1 binds and activates the receptor that stimulates Janus protein kinases, which then phosphorylate few proteins, including STAT1 & STAT2. Furthermore, IFNAR1 also acts as an antiviral factor.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IFNAR1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 415 amino acids (28-436a.a.) and having a molecular mass of 47.9kDa. IFNAR1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA