
Product Data Sheet

Product Name: IFNAR1 Mouse

Cat. No.: GP20391

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IFN-R-1; IFN-alpha/beta receptor 1; Type I interferon receptor 1; Ifar; Ifnar; Infar CD118 and Ifnar1.		
Amino Acid Sequence	ENLKPPENID VYIIDDNYTL KWSSHGESMG SVTFSAEYRT KDEAKWLKVP ECQHHTTTTKC EFSLLDTNVY IKTQFRVRAE EGNSTSSWNE VDPFIPFYTA HMSPPEVRLE AEDKAILVHI SPPGQDGNMW ALEKPSFSYT IRIWQKSSSD KKTINSTYYV EKIPELLPET TYCLEVKAIH PSLKKHSNYS TVQCISTTVA NKMPVPGNLQ VDAQGKSYVL KWDYIASADV LFRAQWLPGY SKSSSGSRSD KWKPIPTCAN VQTTTCVFSQ DTVYTGTFLL HVQASEGNHT SFWSEEKFI SQKHILPPPP VITVTAMSDT LLVYVNCQDS TCDGLNYEII FWENTSNTKI SMEKDGPEFT LKNLQPLTVY CVQARVLFRA LLNKTSNFSE KLCEKTRPGS FSTLEHHHHH H		
Formulation	IFNAR1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.		

Introduction

Interferon Alpha And Beta Receptor, also known IFNAR1, belongs to the class II cytokine receptor family. IFNAR1 protein forms one of the two chains of a receptor for interferons alpha as well as beta. IFNAR1 binds and activates the receptor which stimulates Janus proteinkinases, which in turn phosphorylate some proteins, including STAT1 & STAT2. Furthermore, IFNAR1 also functions 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 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.

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

Background

IFNAR1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 411 amino acids (27-429a.a) and having a molecular mass of 46.8kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).IFNAR1 is fused to an 8 amino acid His-tag at C-terminus & 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