

Recombinant mouse IFN-alpha/beta R1/IFNAR1 protein

Catalog Number: ATGP3450

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-429aa

UniProt No.

P33896

NCBI Accession No.

NP_034638.2

Alternative Names

Interferon alpha/beta receptor 1, IFN-R-1, IFN-alpha/beta receptor 1, Type I interferon receptor 1, Ifar, Ifnar, IFN-alpha/betaR, Ifrc

PRODUCT SPECIFICATION

Molecular Weight

46.8 kDa (411aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Ifnar1, also known as Interferon alpha/beta receptor 1, is a member of the class II cytokine receptor family of proteins. This protein forms one of the two chains of a receptor for interferons alpha and beta. It binds and activate of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including

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STAT1 and STAT2. The encoded protein also functions as an antiviral factor. Recombinant mouse Ifnar1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

ENLKPPENID VYIIDDNYTL KWSSHGESMG SVTFSAEYRT KDEAKWLKVP ECQHTTTTKC EFSLLDNTVY IKTQFRVRAE
EGNSTSSWNE VDPFIPFYTA HMSPPEVRLE AEDKAILVHI SPPGQDGNMW ALEKPSFSYT IRIWQKSSSD KKTINSTYYV
EKIPELLPET TYCLEVKAIH PSLKKHSNYS TVQCISTTVA NKMPVPGNLQ VDAQGKSYVL KWDYIASADV LFRAQWLPGY
SKSSSGSRSD KWKPIPTCAN VQTHCVFSQ DTVYTGTFLL HVQASEGNHT SFWSEEKPID SQKHILPPPP VITVTAMSDT
LLVYVNCQDS TCDGLNVEII FWENTSNTKI SMEKDGPEFT LKNLQPLTVY CVQARVLFRA LLNKTSNFSE KLCEKTRPGS
FST<LEHHHHH H>

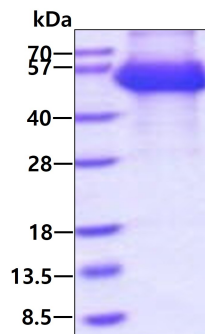
General References

Langer JA., et al. (2004) Cytokine Growth Factor Rev. 15:33-48.

Yan H., et al. (1996) EMBO J. 15:1064-1074.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.