

**Ifnar1, 27-429aa, Mouse, His-tag, Baculovirus**

**Cat.NO.: TP02569**

3th Edition

**Synonyms:** Interferon alpha/beta receptor 1, Ifnar1, CD118, Ifar, Ifnar, Ifrc, Infar

**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 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.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 46.8kDa (411aa), 40-57kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

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ENLKPPENIDVYIIDDNYTLKWSSHGESMGSVTFSAEYRTKDEAKWLKVPECQHTTTTTKCEFSLLDTNVYIKTQFRV
RAEEGNSTSSWNEVDPFIPFYTAHMSPPPEVRLEAEDKAILVHISPPGQDGNMWALEKPSFSYTIRIWQSSSDKKT
NSTYYVEKIPPELLPETTYCLEVKAIHPSLKKHSNYSTVQCISTTVANKMPVPGNLQVDAQGKSYVLKWDYIASADVLF
RAQWLPGYSKSSSGSRSDKWKPIPTCANVQTTHCVFSQDTVYTGTFFLHVQASEGNHTSFWSSEKSFIDSQKHILP
PPPVITVTAMSDTLLVYVNCQDSTCDGLNYEIIIFWENTSNTKISMEKDGPEFTLKNLQPLTVYCVQARVLF RALLNKT
SNFSEKLCEKTRPGSFSTLEHHHHHH
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**Purity:** > 95% by HPLC

**Concentration:** 0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.