

Active Recombinant Mouse Ifnar1 protein, His-tagged

Cat. No. Ifnar1-3360M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifnar1 protein(NP_034638.2)(Met1-Thr429), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-429 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to inhibit mIFNB1-mediated protection of L929 mouse fibroblast cells infected with vesicular stomatitis virus (VSV) to viral lysis.The ED50 for this effect is typically 0.2-1µg/mL.
Molecular Mass	The recombinant mouse IFNAR1 consists of 414 amino acids and has a predicted molecular mass of 47 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm IFNAR1 is approximately 55-60 kDa due to glycosylation.
Proteinlength	Met1-Thr429
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	Ifnar1 interferon (alpha and beta) receptor 1 [<i>Mus musculus</i>]
Official Symbol	Ifnar1
Synonyms	IFNAR1; interferon (alpha and beta) receptor 1; interferon alpha/beta receptor 1; IFN-R-1; INF-a receptor; IFN-alpha/betaR; IFN-alpha/beta receptor 1; type I interferon receptor 1; interferon-alpha/beta receptor 1; Ifar; Ifrc; CD118; Ifnar; Infar;
Gene ID	15975
mRNA Refseq	NM_010508
Protein Refseq	NP_034638