

Recombinant Mouse IFNAR2 Protein (22-242 aa), His-tagged

Cat. No. IFNAR2-2339M Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse IFNAR2 Protein (22-242 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.

Species Mouse

Source Yeast

ProteinLength 22-242 aa

Description Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 2 and 3 may be potent inhibitors of type I IFN receptor activity.

Form Tris-based buffer,50% glycerol

Molecular Mass 26.8 kDa

AA Sequence
 SLETITPSAFDGYDPDEPCTINITIRNSRLILSWELENKSGPPANYTLWYTVMSKDENTL
 KVKNCSDDTKSSCDVTDKWLEGMESYVVAIVIVHRGDLTVCRCSYIVPANAPLEPP
 EFEIVGFTDHINVTMEFPPVTSKIIQEKMKTTPFVIKEQIGDSVRKKHEPKVNNVTGNF
 TFVLRDLLPKTNYCVSLYFDDDDPAIKSPLKCIVLQPGQESGLSESA

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

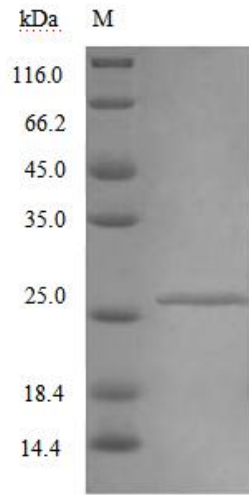
GENE INFORMATION

Gene Name	Ifnar2 interferon (alpha and beta) receptor 2 [Mus musculus]
Official Symbol	IFNAR2
Synonyms	IFNAR2; IFN-R-2; interferon receptor 2c; IFN-alpha/beta receptor 2; Ifnar-2; AI747302;
Gene ID	15976
mRNA Refseq	NM_001110498
Protein Refseq	NP_001103968
UniProt ID	O35664

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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