

Recombinant Mouse Ifngr1 Protein, His-tagged

Cat. No. Ifngr1-1652M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifngr1 Protein (Gly23-Asp253) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly23-Asp253
Description	Predicted to enable cytokine receptor activity. Involved in several processes, including astrocyte activation; negative regulation of amyloid-beta clearance; and positive regulation of macromolecule metabolic process. Acts upstream of or within defense response to virus. Predicted to be located in several cellular components, including dendrite; endoplasmic reticulum; and postsynaptic density. Predicted to be integral component of plasma membrane. Is expressed in several structures, including alimentary system; cerebral cortex; cranium; female reproductive system; and liver. Used to study osteoporosis. Human ortholog(s) of this gene implicated in asthma; hepatitis B; immunodeficiency 27A; immunodeficiency 27B; and tuberculosis. Orthologous to human IFNGR1 (interferon gamma receptor 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.6 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Ifngr1 interferon gamma receptor 1 [Mus musculus (house mouse)]
Official Symbol	Ifngr1
Synonyms	IFNGR1; interferon gamma receptor 1; IFN-gamma-R1; INF-g receptor; IFN-gamma receptor 1; interferon-gamma receptor 1; Ifgr; CD119; Ifngr; Nktar; IFN-gammaR;
Gene ID	15979
mRNA Refseq	NM_010511
Protein Refseq	NP_034641
UniProt ID	P15261

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