

Recombinant Rat IFNG Protein, Fc-His-tagged(C-ter)

Cat. No. Ifng-118R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IFNG Protein with Fc-His tag (C-ter) was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln23-Cys156
Description	This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015]
Form	Powder
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 92% (by SDS-PAGE)
Applications	Binding, SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.

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Storage	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
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Storage Buffer	PBS (pH 7.4)
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Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.
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GENE INFORMATION

Gene Name	Ifng interferon gamma [Rattus norvegicus]
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Official Symbol	Ifng
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Synonyms	IFNG; interferon gamma; IFN-gamma; IFNG2;
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Gene ID	25712
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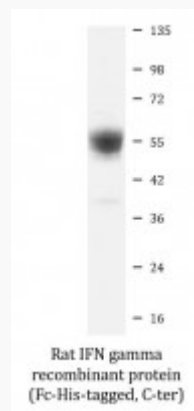
mRNA Refseq	NM_138880
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Protein Refseq	NP_620235
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SDS-PAGE

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