

Active Recombinant Mouse Ifng protein, His-tagged

Cat. No. Ifng-532M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Ifng protein(P01580)(23~155 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	23-155 aa
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Bio-activity	IFN-γ is an important activator of macrophages, it promotes production of inducible Nitric Oxide Synthase (iNOS) in macrophages. After stimulated with IFN-γ, morphological changes will occur in murine macrophage cell line (Raw 246.7 cells), and inducible nitric-oxide synthase (iNOS) in the cells will increase. Raw 246.7 cells were incubated in DMEM with IFN-γ (2ng/mL) for 24h, then cells were observed by inverted microscope and iNOS in cell lysates was detected by ELISA.
Molecular Mass	16.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	> 95% as determined by SDS-PAGE.

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Storage

Avoid repeated freeze/thaw cycles. Store at -20°C for 12 months. Aliquot and store at -80°C for 12 months.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION
Gene Name

Ifng interferon gamma [*Mus musculus*]

Official Symbol

Ifng

Synonyms

IFNG; interferon gamma; IFN-gamma; gamma interferon; Ifg; IFN-g;

Gene ID

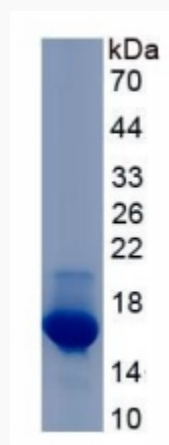
15978

mRNA Refseq

NM_008337

Protein Refseq

NP_032363

SDS-PAGE


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