

Active Recombinant Mouse Ifna2 protein

Cat. No. Ifna2-875M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifna2 protein(Cys24-Glu190) was expressed in Pichia.
Species	Mouse
Source	Pichia
ProteinLength	24-190 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured in a cell cytotoxicity assay using TF-1 cells. The ED50 for this effect is 51.80-207.20 ng/mL, corresponding to a specific activity of $4.83 \times 10^3 \sim 1.93 \times 10^4$ units/mg.
Molecular Mass	19.33 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name *Ifna2* interferon alpha 2 [*Mus musculus*]

Official Symbol *Ifna2*

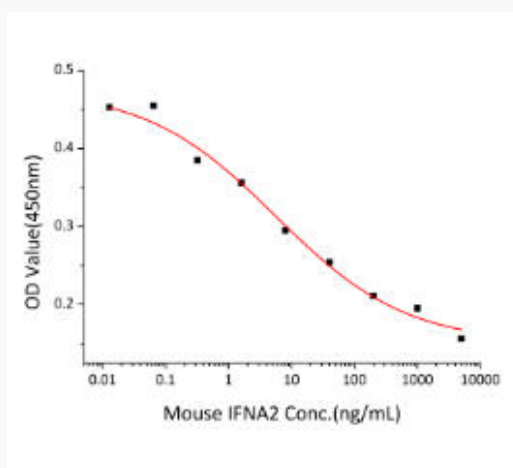
Synonyms IFNA2; interferon alpha 2; interferon alpha-2; IFN-alpha-2; interferon alpha family, gene 2; Ifa2;

Gene ID 15965

mRNA Refseq NM_010503

Protein Refseq NP_034633

Activity

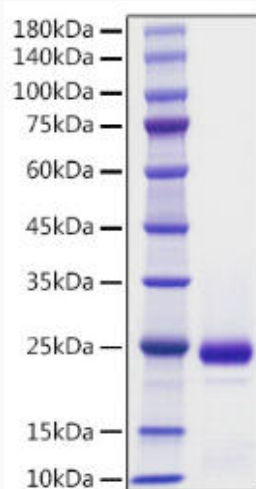


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SDS-PAGE



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