

Active Recombinant Mouse Gm13290, Ile&His-tagged

Cat. No. Gm13290-446M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gm13290 (Accession # BAA83749) Leu22-Arg182, fused with a C-terminal Ile and 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	22-182 a.a.
Predicted N Terminal	Leu22
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured in an anti-viral assay using L-929 mouse fibroblast cells infected with encephalomyocarditis (EMC) virus. Vogel, S.N. et al. (1982) Infect. Immunol. 38:681. The ED50 for this effect is typically 3 - 15 pg/mL.
Molecular Mass	Recombinant Mouse Gm13290, Ile&His-tagged has a calculated MW of 19 kDa. In SDS-PAGE migrates as 25 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name Gm13290 predicted gene 13290 [*Mus musculus* (house mouse)]

Official Symbol Gm13290

Synonyms Gm13290; predicted gene 13290; OTTMUSG00000011291; interferon zeta-like; interferon zeta family Ifnz member

Gene ID 545646

mRNA Refseq NM_001243155

Protein Refseq NP_001230084

MIM

Chromosome Location 4 C4; 4

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