

## Active Recombinant Mouse Gm13290, Fc Chimera

**Cat. No.** Gm13290-447M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Gm13290 (Accession # BAA83749) was produced in Mouse myeloma cell line, NS0-derived.                                                                                                                       |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                        |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                              |
| <b>Predicted N Terminal</b> | Leu22                                                                                                                                                                                                                        |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                           |
| <b>Bio-activity</b>         | 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 0.1 - 0.5 ng/mL. |
| <b>Molecular Mass</b>       | Recombinant Mouse Gm13290, Fc Chimera has a calculated MW of 45.0 kDa (monomer). In SDS-PAGE migrates as 50-55 kDa, reducing conditions.                                                                                     |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                  |
| <b>Storage</b>              | 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).                                |

### GENE INFORMATION

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|                            |                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Gm13290 predicted gene 13290 [ Mus musculus (house mouse) ]                                                 |
| <b>Official Symbol</b>     | Gm13290                                                                                                     |
| <b>Synonyms</b>            | Gm13290; predicted gene 13290; OTTMUSG00000011291; interferon zeta-like; interferon zeta family Ifnz member |
| <b>Gene ID</b>             | 545646                                                                                                      |
| <b>mRNA Refseq</b>         | NM_001243155                                                                                                |
| <b>Protein Refseq</b>      | NP_001230084                                                                                                |
| <b>MIM</b>                 |                                                                                                             |
| <b>Chromosome Location</b> | 4 C4; 4                                                                                                     |

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