

Active Recombinant Mouse Ifnlr1, Fc Chimera

Cat. No. Ifnlr1-341M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifnlr1 (Accession # AAH57856) was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Arg21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. 1 µg/mL of rIL-28 R alpha Fc Chimera was mixed with serially diluted rIL-28B. Following incubation, the IL-28 R alpha rIL-28B complex was captured in a goat anti-mFc-coated plate. Bound IL-28B was measured using biotinylated goat anti-mIL-28B. The concentration of rIL-28B that produces 50% of the optimal binding was found to be approximately 0.7 - 3.5 µg/mL.
Molecular Mass	Recombinant Mouse Ifnlr1, Fc Chimera has a calculated MW of 50.6 kDa (monomer). In SDS-PAGE migrates as 62-70 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

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months (-70°C).

GENE INFORMATION

Gene Name [Ifnlr1](#) [interferon lambda receptor 1](#) [[Mus musculus \(house mouse\)](#)]

Official Symbol [Ifnlr1](#)

Synonyms

[Ifnlr1](#); [interferon lambda receptor 1](#); [Il28ra](#); [CRF2-12](#); [interferon lambda receptor 1](#); [IFN-lambda R1](#); [IL-28 receptor subunit alpha](#); [IL-28R-alpha](#); [IL-28RA](#); [class II cytokine receptor 12](#); [cytokine receptor class-II member 12](#); [cytokine receptor family 2 member 12](#); [interferon-lambda receptor 1](#); [interleukin 28 receptor alpha](#); [interleukin-28 receptor subunit alpha](#)

Gene ID [242700](#)

mRNA Refseq [NM_174851](#)

Protein Refseq [NP_777276](#)

MIM

UniProt ID [Q8CGK5](#)

Chromosome Location [4](#); [4 D3](#)

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