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 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.1 μg/mL of rmIL-28 R alpha Fc Chimera was mixed with serially diluted rmIL-28B. Following incubation, the IL-28 R alpha rmIL-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 rmIL-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 (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

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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