

Active Recombinant Rat IL7r, Fc Chimera

Cat. No. IL7r-679R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL7r (Accession # NP_001099888) was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	Glu21
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When 25 ng/mL of rIL-7R alpha/Fc is captured by goat anti-mouse IgG Fc coated plate, the concentration of rIL-7 that produces 50% optimal binding response is found to be approximately 10 - 30 ng/mL.
Molecular Mass	Recombinant Rat IL7r, Fc Chimera has a calculated MW of 52.2 kDa (monomer). In SDS-PAGE migrates as 60-75 kDa under 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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GENE INFORMATION

Gene Name	Il7r interleukin 7 receptor [Rattus norvegicus]
Official Symbol	Il7r
Synonyms	IL7R; interleukin 7 receptor; interleukin-7 receptor subunit alpha;
Gene ID	294797
mRNA Refseq	NM_001106418
Protein Refseq	NP_001099888
MIM	

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