

## Active Recombinant Rat Il7r, Fc Chimera

Cat. No. Il7r-679R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il7r (Accession # NP_001099888) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Rat
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Glu21
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Purity</b>	>95%, 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).

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## GENE INFORMATION

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

### MIM

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