

## Active Recombinant Rat Il9r, His-tagged

Cat. No. Il9r-538R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Il9r (Accession # EDM04022) Val38-Ala270, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Rat
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	38-270 a.a.
<b>Predicted N Terminal</b>	Val38
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to inhibit IL-9-induced proliferation of TS1 mouse helper T cells. The ED50 for this effect is typically 0.25 - 1.25 µg/mL in the presence of rrIL-9 at 50 ng/mL.
<b>Molecular Mass</b>	Recombinant Rat Il9r, His-tagged has a calculated MW of 27.5 kDa. In SDS-PAGE migrates as 33-40 kDa, 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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**Reconstitution** Reconstitute at 200 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [IL9r interleukin 9 receptor \[ Rattus norvegicus \]](#)

**Official Symbol** [IL9r](#)

**Synonyms** [IL9R](#); [interleukin 9 receptor](#); [interleukin-9 receptor](#);

**Gene ID** [24500](#)

**mRNA Refseq** [NM\\_017021](#)

**Protein Refseq** [NP\\_058717](#)

**MIM**

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