

Active Recombinant Rat IL9r, His-tagged

Cat. No. IL9r-538R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL9r (Accession # EDM04022) Val38-Ala270, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	38-270 a.a.
Predicted N Terminal	Val38
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Rat IL9r, His-tagged has a calculated MW of 27.5 kDa. In SDS-PAGE migrates as 33-40 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 months (-70°C).

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Reconstitution

Reconstitute at 200 µg/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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