

Active Recombinant Rat Il4r protein, His-tagged, Low Endotoxin

Cat. No. Il4r-11106R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il4r protein(Q63257-1)(26-232 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	26-232 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Rat IL-4 R alpha, His Tag immobilized on CM5 Chip can bind Mouse IL-4, His Tag with an affinity constant of 3.42 nM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 25.45 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL4r interleukin 4 receptor \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol [IL4r](#)

Synonyms IL4r; IL4ra; interleukin 4 receptor; interleukin-4 receptor subunit alpha; IL-4RA; IL-4R-alpha; IL-4R subunit alpha; IL-4 receptor subunit alpha; interleukin 4 receptor, alpha; interleukin-4 receptor alpha chain

Gene ID [25084](#)

mRNA Refseq [NM_133380](#)

Protein Refseq [NP_596871](#)

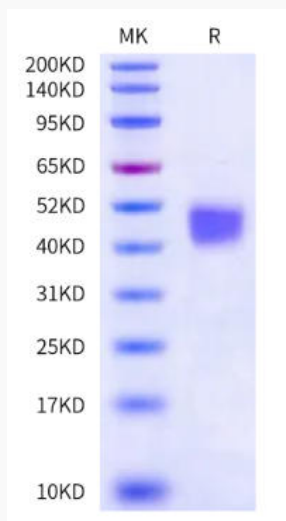
UniProt ID [Q63257](#)

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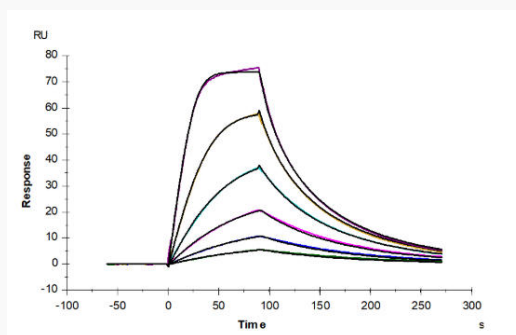
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Bis-Tris PAGE



SPR Data



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