

Active Recombinant Rat IL4r protein, hFc-tagged

Cat. No. IL4r-379R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL4r protein(Q63257-1)(Met1-Arg232), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Arg232
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse IL4-His at 10 µg/mL (100 µl/well) can bind rat IL4R-Fc, The EC50 of rat IL4R-Fc is 0.12-0.29 µg/mL.
Molecular Mass	The recombinant rat IL4R/Fc is a disulfide-linked homodimer. The reduced monomer comprises 448 amino acids and has a predicted molecular mass of 50.9 kDa. The apparent molecular mass of the protein is approximately 66 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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