

Active Recombinant Rat IL7r protein(Met1-Asp239), mFc-tagged

Cat. No. IL7r-8711R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL7R (D4A3X8) (Met1-Asp239) was expressed in HEK293, fused with Fc region of Mouse IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asp239
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind Rat IL7 in a functional ELISA.
Molecular Mass	The recombinant Rat IL7R/mFc comprises 453 amino acids and has a predicted molecular mass of 51.4 kDa. The apparent molecular mass of the protein is approximately 65 in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
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

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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	IL7r interleukin 7 receptor [<i>Rattus norvegicus</i>]
Official Symbol	IL7r
Synonyms	IL7R; interleukin 7 receptor; interleukin-7 receptor subunit alpha;
Gene ID	294797
mRNA Refseq	NM_001106418
Protein Refseq	NP_001099888

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