

Recombinant Rat IL7r, His tagged

Cat. No. IL7R-291R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL7r (NP_001099888.1) (Met1-Asp239), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-239 a.a.
Predicted N Terminal	Glu 21
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat IL7R comprises 230 amino acids and predicts a molecular mass of 26.5 kDa. The apparent molecular mass of the recombinant protein is approximately 40 and 36 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(56.5+42.6) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL7r interleukin 7 receptor [Rattus norvegicus]

Official Symbol IL7r

Gene ID 294797

mRNA Refseq NM_001106418

Protein Refseq NP_001099888

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