

Recombinant Cynomolgus IL7R Protein, His-tagged

Cat. No. IL7R-1231C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus IL7R (NP_001271837.1) (Met1-Pro235) was expressed with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-235 a.a.
Predicted N Terminal	Glu 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant IL7R consists 226 amino acids and predicts a molecular mass of 26.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL7R interleukin 7 receptor [*Macaca fascicularis*]

Official Symbol IL7R

Synonyms IL7Ra; IL-7RA; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha

Gene ID 102143679

mRNA Refseq NM_001284908

Protein Refseq NP_001271837

MIM

UniProt ID Q38IC7

Chromosome Location chromosome: 6

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; FoxO signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, organism-specific biosystem

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