

Active Recombinant Human IL7R protein, Fc-tagged

Cat. No. IL7R-1886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL7R protein(NP_002176.2)(Glu 21 - Asp 239), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu 21 - Asp 239
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with Trehalose as protectant.
Bio-activity	Immobilized Human IL-7 Protein at 2 µg/mL (100 µL/well) can bind Human IL-7 R alpha, Fc Tag with a linear range of 0.004-0.125 µg/mL.
Molecular Mass	The protein has a calculated MW of 51.8 kDa. The protein migrates as 60-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at:

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

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 [Homo sapiens]

Official Symbol IL7R

Synonyms

IL7R; interleukin 7 receptor; interleukin-7 receptor subunit alpha; CD127; IL-7RA; CD127 antigen; IL-7R subunit alpha; IL-7 receptor subunit alpha; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6; ILRA; IL7RA; CDW127; IL-7R-alpha;

Gene ID 3575

mRNA Refseq NM_002185

Protein Refseq NP_002176

MIM 146661

UniProt ID P16871

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