

## Active Recombinant Human IL7R protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL7R protein(NP_002176.2)(Glu 21 - Asp 239), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Glu 21 - Asp 239
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with Trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	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:

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

-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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