

## Recombinant Human IL7R Protein, His-tagged

Cat. No. IL7R-1057H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL7R Protein (Glu21-Asp239) with His tag was expressed in 293F.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Glu21-Asp239
<b>Description</b>	<p>The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 26.9 kDa; Accurate Molecular Mass: 33 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	IL7R interleukin 7 receptor [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL7R
<b>Synonyms</b>	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;
<b>Gene ID</b>	3575
<b>mRNA Refseq</b>	NM_002185
<b>Protein Refseq</b>	NP_002176
<b>MIM</b>	146661

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