

Active Recombinant Human IL7R protein(Met1-Gly236), hFc-tagged

Cat. No. IL7R-0305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL7R (P16871-1) (Met1-Gly236, with mutations I66T, V138I) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly236
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized IL-7 Protein, Human, Recombinant at 2 µg/mL (100 µL/well) can bind Recombinant Human CD127 / IL-7RA Protein (Fc Tag), the EC50 is 120-480 ng/mL.
Molecular Mass	The recombinant human IL7R consists of 454 amino acids and predicts a molecular mass of 51.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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

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

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

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 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

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

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

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