

Human CellExp IL7Ra/CD127, human recombinant protein
IL7Ra, CD127
Catalog # PBV11113r**Specification**

Human CellExp IL7Ra/CD127, human recombinant protein - Product infoPrimary Accession
Calculated MW[Q96F46](#)

This protein is fused with Fc fragment of human IgG1 at the C-terminus, has a calculated MW of 51 kDa. The predicted N-terminus is Glu 21. DTT-reduced Protein migrates as 66-90 kDa due to glycosylation. KDa

Human CellExp IL7Ra/CD127, human recombinant protein - Additional InfoGene ID
Gene Symbol
Other Names
IL7Ra, CD12723765
IL17RaGene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its binding ability in a functional ELISA. Immobilized rhIL7Ra Fc Chimera at 0.25 µg/ml (100 µl/well) on a Rabbit anti-human IgG Fc antibody, the concentration of rhIL-7 that produces 50% of the optimal binding response is found to be approximately 20 - 100 ng/mL.

Target/Specificity
IL7Ra/CD127**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 month. For extended storage, it is recommended to store at -20°C.

Format
Lyophilized**Storage**

-20°C; Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

Human CellExp IL7Ra/CD127, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp IL7Ra/CD127, human recombinant protein - Images**Human CellExp IL7Ra/CD127, human recombinant protein - Background**

Interleukin-7 receptor subunit alpha (IL7Ra) also known as CD antigen CD127, which belongs to the type I cytokine receptor family and type 4 subfamily. IL7Ra /CD127 contains 1 fibronectin type-III domain. IL7Ra /CD127 is expressed on various cell types, including naive and memory T cells and many others. IL7Ra /CD127 is receptor for interleukin-7 and also acts as a receptor for thymic stromal lymphopoietin (TSLP). The IL7 receptor is a heterodimer of IL7R and IL2RG. The TSLP receptor is a heterodimer of CRLF2 and IL7R.

Human CellExp IL7Ra/CD127, human recombinant protein - References

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Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).
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