

## Recombinant Rat Il7r protein, His & T7-tagged

**Cat. No.** Il7r-1953R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Il7r aa. (Met1~Asp239 (Accession# D4A3X8)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1~Asp239                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 30.8kDa                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                                          |
| <b>Characteristic</b>   | The isoelectric point is 6.2.                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.<br>(Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

**Il7r interleukin 7 receptor [ Rattus norvegicus (Norway rat) ]**

**Official Symbol**

**Il7r**

**Synonyms**

HLF; MOP2; ECYT4; HIF2A; PASD2; bHLHe73; EPAS-1; HIF-1-alpha-like factor; HIF-1alpha-like factor; HIF-2-alpha; HIF2-alpha; PAS domain-containing protein 2; basic-helix-loop-helix-PAS protein MOP2; class E basic helix-loop-helix protein 73; hypoxia-inducible factor 2 alpha; member of PAS protein 2; endothelial PAS domain-containing protein 1

**Gene ID**

**294797**

**mRNA Refseq**

**NM\_001106418.1**

**Protein Refseq**

**NP\_001099888.1**

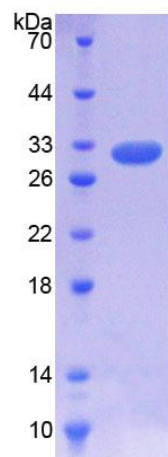
**UniProt ID**

**D4A3X8**

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SDS-PAGE

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