

## Recombinant Rat Il10 protein, His-tagged

**Cat. No.** II10-484R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Rat Il10 (P29456) aa. (Ser19~Asn178) fused with His tag was produced in HEK293F cells.               |
| <b>Species</b>          | Rat  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Ser19~Asn178   |
| <b>Description</b>      | A factor involved in the inhibition of cytokine synthesis.   |
| <b>Form</b>             | Freeze-dried powder  |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 20.3kDa; Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions. |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)  |
| <b>Purity</b>           | > 90%  |
| <b>Characteristic</b>   | Isoelectric point is 8.8.  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling                      |

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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°C 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°C for one month. Aliquot and store at -80°C for 12 months.  |
| <b>Concentration</b>  | 200ug/mL  |
| <b>Storage buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.  |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.<br>Do not vortex   |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | IL10 interleukin 10 [ <i>Rattus norvegicus</i> (Norway rat) ]                                  |
| <b>Official Symbol</b> | IL10   |
| <b>Synonyms</b>        | IL10; interleukin 10; IL10X; interleukin-10; CSIF; IL-10; cytokine synthesis inhibitory factor |
| <b>Gene ID</b>         | 25325  |
| <b>mRNA Refseq</b>     | NM_012854.2  |
| <b>Protein Refseq</b>  | NP_036986.2  |

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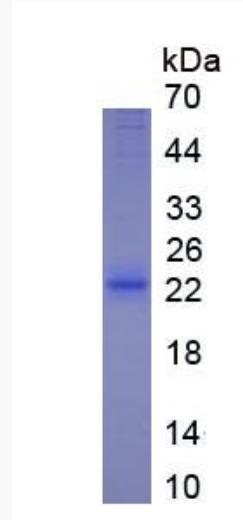
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UniProt ID

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SDS-PAGE



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