

## Recombinant Mouse Il10rb protein, hFc-tagged

**Cat. No.** Il10rb-5180M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Mouse Il10rb protein(NP_032375.2)(Met1-Ser222), fused with hFc tag, was expressed in HEK293.   |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Met1-Ser222  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.  |
| <b>Molecular Mass</b>   | The secreted recombinant mouse IL10RB Fc is a disulfide-linked homodimer. The reduced monomer comprises comprises 442 amino acids and has a calculated molecular mass of 50.5 kDa. As a result of glycosylation, the apparent molecular mass of rm IL10RB/Fc monomer is approximately 65-75 kDa in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method   |
| <b>Purity</b>           | > 92 % as determined by SDS-PAGE   |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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** [IL10rb interleukin 10 receptor, beta \[ Mus musculus \]](#)

**Official Symbol** [IL10rb](#)

**Synonyms**

IL10RB; interleukin 10 receptor, beta; interleukin-10 receptor subunit beta; IL-10RB; IL-10R subunit 2; IL-10R subunit beta; interleukin 10 receptor 2; IL-10 receptor subunit beta; interleukin-10 receptor subunit 2; cytokine receptor class-II member 4; cytokine receptor family 2 member 4; cytokine receptor family II, member 4; Crfb4; CRF2-4; Il10r2; D21S58h; IL-10R2; AI528744; D16H21S58; 6620401D04Rik;

**Gene ID** [16155](#)

**mRNA Refseq** [NM\\_008349](#)

**Protein Refseq** [NP\\_032375](#)

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