

## Recombinant Human IL10RB protein, His-tagged

Cat. No. IL10RB-581H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL10RB (Q08334) aa. (Leu87~Ala243) fused with His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu87~Ala243
<b>Description</b>	<p>The protein encoded by this gene belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex.</p> <p>Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. This gene and three other interferon receptor genes, IFAR2, IFNAR1, and IFNGR2, form a class II cytokine receptor gene cluster located in a small region on chromosome 21.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 19.5kDa; Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
<b>Purity</b>	>98%
<b>Characteristic</b>	Isoelectric point is 5.

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<b>Applications</b>	Cell culture; Activity Assays; In vivo assays.
<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>Storage buffer</b>	20mM Tris, 150mM NaCl,pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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. Do not vortex

## GENE INFORMATION

<b>Gene Name</b>	IL10RB interleukin 10 receptor subunit beta [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL10RB
<b>Synonyms</b>	IL10RB; interleukin 10 receptor subunit beta; CRFB4; CRF2-4; D21S58; D21S66; CDW210B; IL-10R2; interleukin-10 receptor subunit beta; IL-10 receptor subunit beta; IL-10R subunit 2; IL-10R subunit beta; IL-10RB; cytokine receptor class-II CRF2-4; cytokine receptor class-II member 4; cytokine receptor family 2 member 4; cytokine receptor family II, member 4; interleukin 10 receptor, beta; interleukin-10 receptor subunit 2
<b>Gene ID</b>	3588

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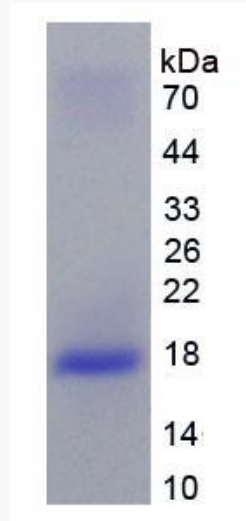
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mRNA Refseq [NM\\_000628.4](#)

Protein Refseq [NP\\_000619.3](#)

UniProt ID [Q08334](#)

SDS-PAGE



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