

Recombinant Human IL10RB protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL10RB (Q08334) aa. (Leu87~Ala243) fused with His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu87~Ala243
Description	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. 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.5kDa; Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.
Purity	>98%
Characteristic	Isoelectric point is 5.

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Applications	Cell culture; Activity Assays; In vivo assays.
Stability	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.
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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	IL10RB interleukin 10 receptor subunit beta [Homo sapiens (human)]
Official Symbol	IL10RB
Synonyms	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
Gene ID	3588

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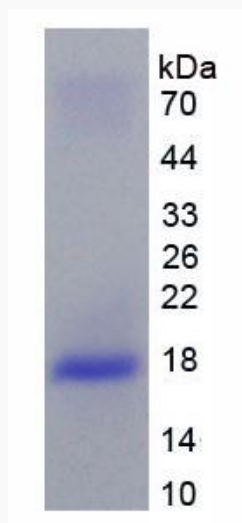
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mRNA Refseq [NM_000628.4](#)

Protein Refseq [NP_000619.3](#)

UniProt ID [Q08334](#)

SDS-PAGE



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