IL-10RB (C-Fc), Human, Recombinant

Cat. No. : PCK148

General Information

Synonyms	Interleukin-10 Receptor subunit beta (IL10RB);Cytokine Receptor class-II member 4; Cytokine Receptor family 2 member 4;Interleukin-10 Receptor subunit 2;
Species	Human
Expression host	Human Cells
Sequence	Met20-Ser220
Accession	Q08334
Tag	C-Fc
Mol mass	50.6 kDa
Expiration date	12 months

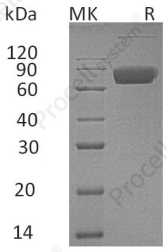
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Interleukin-10 Receptor subunit beta (IL10RB), also known as Cytokine Receptor class-II member 4, Cytokine Receptor family 2 member 4, Interleukin-10 Receptor subunit 2, belongs to the type II Cytokine Receptor family. IL10RB is a single-pass type I membrane Protein and contains two fibronectin type-III domains. It is an accessory chain which is essential for the active Interleukin 10 Receptor complex. Coexpression of IL10RB and IL10RA Proteins has been shown to be required for IL10-induced signal transduction. Defects in IL10RB are the cause of inflammatory bowel disease type 25 (IBD25) which is a chronic, relapsing inflammation of the gastrointestinal tract with a complex etiology.

SDS-PAGE



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