## PRODUCT INFORMATION

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|---|---|
| **Target** | IL-10RB |
| **Synonyms** | Interleukin-10 receptor subunit beta(IL10RB);ytokine receptor class-II member 4;ytokine receptor family 2 member 4;nterleukin-10 receptor subunit 2; |
| **Description** | Recombinant Human Interleukin-10 Receptor Subunit Beta is produced by our Mammalian expression system and the target gene encoding Met20-Ser220 is expressed with a Fc tag at the C-terminus. |
| **Delivery** | In Stock |
| **Uniprot ID** | Q08334 |
| **Expression Host** | HEK293 |
| **Tag** | C-Fc Tag |
| **Molecular Characterization** | Not available |
| **Molecular Weight** | 50.6 KDa |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE. |
| **Formulation & Reconstitution** | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| **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. |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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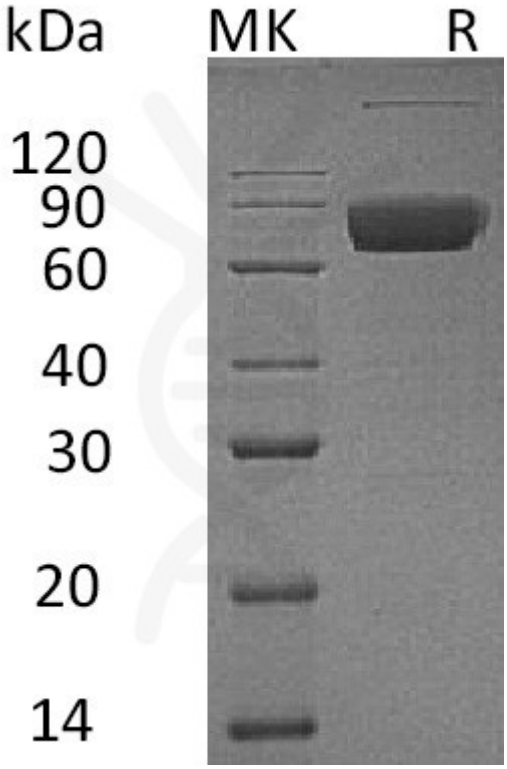



Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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