

## 32-7882: Recombinant Human IL-10 Receptor Subunit beta/IL-10RB (C-Fc)

**Gene :** IL10RB  
**Gene ID :** 3588  
**Uniprot ID :** Q08334

### Description

Source: Human Cells.  
MW :50.6kD.

Recombinant Human IL-10 receptor 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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MVPPPENVRMNSVNFKNILQWESPAFAKGNLFTTAQYLSYRIFQDKCMNTLTECDFSSLSKYGDHTLRVRAEF ADEHSDWVNITFCPVDDTIIGPPGMQVEVLADSLHMRFLAPKIENEYETWTMKNVYNSWYTNVQYWKNGTDE KFQITPQYDFEVLRLNLEPWTTYCVQVRGFLPDRNKAGEWSEPVCEQTTHDETVPVSDIEGRMDEPKSCDKTH TCPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFY PSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPG K

### Application Note

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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.