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Datasheet for ABIN1880636

IL10RB Protein (AA 20-220) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | IL10RB |
| Protein Characteristics: | AA 20-220 |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL10RB protein is labelled with His tag. |

Product Details

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| Purpose: | Recombinant Human IL-10 Receptor Subunit β/IL-10RB (C-6His) |
| Sequence: | MVPPPENVRM NSVNFKNILQ WESPAFAKGN LTFTAQYLSY RIFQDKCMNT TLTECDFSSL SKYGDHTLRV RAEFADEHSD WVNITFCPVD DTIIGPPGMQ VEVLADSLHM RFLAPKIENE YETWTMKNVY NSWTYNVQYW KNGTDEKFQI TPQYDFEVLN NLEPWTTYCV QVRGFLPDRN KAGEWSEPVC EQTTHDETVP SVDHHHHHHH |
| Characteristics: | Recombinant Human Interleukin-10 receptor subunit beta/ IL-10RB is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met20-Ser220) of Human IL10RB fused with a polyhistidine tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Sterility: | 0.2 µm filtered |
| Endotoxin Level: | Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test |

Target Details

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|-------------------|---|
| Target: | IL10RB |
| Alternative Name: | IL10RB (IL10RB Products) |
| Background: | <p>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.</p> |
| Molecular Weight: | 24.5 kDa |
| UniProt: | Q08334 |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | <p>It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p> |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. |
| Storage: | 4 °C/-20 °C/-80 °C |
| Storage Comment: | <p>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.</p> |