Recombinant Human IL10RB/IL10R2 Protein (His Tag)

Catalog No. PKSH033389

Note: Centrifuge before opening to ensure complete recovery of vial contents.

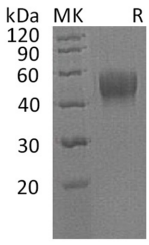
Description

Synonyms	CDW210B;CRF2-4;CRFB4;D21S58;D21S66;IL-10R2;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	HEK293 Cells
Sequence	Met20-Ser220
Accession	Q08334
Calculated Molecular Weight	24.5 kDa
Observed molecular weight	48 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

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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.

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