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37-1450: Human IL10RA Protein (His Tag)(Discontinued)

Uniprot ID :	NP_001549.2
Alternative Name :	Interleukin 10 Receptor, Alpha, IL10R, Interleukin-10 Receptor Subunit 1, IL-10 Receptor Subunit Alpha, IL-10R Subunit Alpha, IL-10R Subunit 1, CDW210A, IL-10R1, IL-10RA, Interleukin-10 Receptor Subunit Alpha, Interleukin-10 Receptor Alpha Chain, CD210 Antigen, HIL-10R, CD210a, CD210, IBD28, IL10RA.

Description

Source: HEK293 cells.
Sterile filtered colorless solution.
IL10 is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract.
IL10RA Human Recombinant produced in HEK 293 cells is a single, glycosylated, polypeptide chain containing 225 amino acids (10-235 a.a.) and having a molecular mass of 25.2kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions).IL10RA is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	Human IL10RA Protein (His Tag)(Discontinued) / 100 µg
Purification :	Greater than 95% as determined by SDS-PAGE. Endotoxin: < 1.0 per ug of protein determined by SDS-PAGE
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5-8% trehalose, Mannmannitol, and 0.01% Tween80 are added as protectants before lyophilization. Reconstitute in Sterile endotoxin free water.
Storage condition :	Store under sterile conditions at -20°C to -80°C upon receipt. Recommend to aliquot into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Samples are stable or up to 12 months from date of receipt at -70°C.
Amino Acid :	HGTELPSPPS VWFEAEFFHH ILHWTPIPNQ SESTCYEVAL LRYGIESWNS ISNCSQTLSY DLTAVTLDLY HSNGYRARVR AVDGSRHSNW TVTNTRFSVD EVTLTVGSVN LEIHNGFILG KIQLPRPKMA PANDTYESIF SHFREYEIAI RKVPGNFTFT HKKVKHENFS LLTSGEVGEF CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTNHHHHHH

Application Note

Endotoxin: < 1.0 per ug of protein determined by LaL method.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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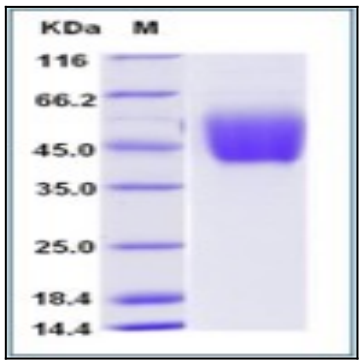


Fig.1: SDS-PAGE gel image of Human IL-10RA Protein. Stained with Coomassie staining.

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