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32-6442: IL10RA Human

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: Sf9, Baculovirus 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 inÂ Sf9 Baculovirus cells is a single, non-glycosylated, polypeptide chain containing 220 amino acids (22-235 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 :	2 µg / 10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The IL10RA protein solution (0.2mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	HGTELPSPPS VWFEAEFFHH ILHWTPIPNQ SESTCYEVAL LRYGIESWNS ISNCSQTLSY DLTAVTLDLY HSNGYRARVR AVDGSRHSNW TVTNTRFSVD EVTLTVGSVN LEIHNGFILG KIQLPRPKMA PANDTYESIF SHFREYEIAI RKVPGNFTFT HKKVKHENFS LLTSGEVGEF CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTNHHHHHH