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32-6443: IL10RA Human, Active

Application :	Functional Assay
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.
Interleukin 10 receptor, alpha subunit or CDW210A, is a part of the IL-10 receptor. This protein is encoded by the IL10RA gene in humans. IL10RA is a receptor for IL-10 (interleukin 10), it is part of the interferon receptors family. This protein is responsible for the inhibition of interferon receptors synthesis by taking part in the immunosuppressive signal of interleukin 10. Among its other roles are the insulin receptor substrate-2/PI 3-kinase/AKT pathway and phosphorylation of JAK1 and TYK2 kinases.
IL10RA Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 220 amino acids (22-235 aa) and having a molecular mass of 25.2kDa.IL10RA is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The IL10RA solution (0.2mg/ml) contains 20% Glycerol and Phosphate-Buffered Saline (pH 7.4).
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 CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTNHHHHHH

Application Note

Determined by its ability to inhibit proliferation using MC/9 mouse mast cells. ED50 for this effect is <= 300 ng/ml with Human IL-10.