9051 Mira Mesa Blvd, #910094
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# IL10RA Human, Active

*Interleukin 10 Receptor Alpha Human Recombinant, BioActive*
*CYK0360*

## Product Overview

| | |
|---|---|
| Name | IL10RA Human, Active |

**Description**

Interleukin 10 Receptor Alpha Human Recombinant, BioActive

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|---|---|
| Accession (Primary) | Q13651 |

**Synonyms**

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.

**Introduction**

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.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

The IL10RA solution (0.2mg/ml) contains 20% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Stability**

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.

**Purity**

Greater than 90.0% as determined by SDS-PAGE.

**Amino acid sequence**

HGTELPSPPS VWFEAEFFHH ILHWTPIPNQ SESTCYEVAL LRYGIESWNS ISNCSQTLSY DLTAVTLDLY HSNGYRARVR AVDGSRHSNW TVTNTRFSVD EVTLTVGSVN LEIHNGFILG KIQLPRPKMA PANDTYESIF

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SHFREYEIAI RKVPGNFTFT HKKVKHENFS CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTN HHHHHH

**Biological Activity**

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.

**Precautions**

IL10RA Human, Active is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q13651 )