

Datasheet for ABIN7566181

IL-10RA Protein (AA 22-235) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL-10RA (IL10RA)
Protein Characteristics:	AA 22-235
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-10RA protein is labelled with Fc Tag.

Product Details

Purpose:	IL-10Ralpha (human):Fc (human) (rec.)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human IL-10Ralpha (aa 22-235) is fused to the N-terminus of the Fc region of human IgG1.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<1EU/mg protein (LAL test, Lonza).
Biological Activity Comment:	Measured by its ability to inhibit IL-10-dependent proliferation of MC/9- 2 mouse mast cells.

Target Details

Target:	IL-10RA (IL10RA)
Alternative Name:	IL-10Ralpha (IL10RA Products)
Background:	<p>Interleukin-10 Receptor alpha, IL-10RA, CD210, IL-10R1, CDw210a, CD210, also known as IL10RA, is a subunit for the interleukin-10 receptor. IL10RA has also been designated CDW210A (cluster of differentiation W210A). It is structurally related to interferon receptors. CD210 has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. It has been reported that CD210 promotes survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of CD210 leads to tyrosine phosphorylation of JAK1 and TYK2 kinases.</p>
Molecular Weight:	~70-100kDa (SDS-PAGE)
Pathways:	Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C, -20 °C
Storage Comment:	<p>Short Term Storage: +4°C</p> <p>Long Term Storage: -20°C</p> <p>Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.</p>