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Datasheet for ABIN7520139 IL-10RA Protein (rFc Tag)

Overview

Quantity:	20 µg
Target:	IL-10RA (IL10RA)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-10RA protein is labelled with rFc Tag.

Product Details

Purpose:	Active Recombinant Human IL-10 R alpha/IL10RA/CD210 Protein
Sequence:	HGTELPSPPS VWFEAEFFHH ILHWTPIPNQ SESTCYEVAL LRYGIESWNS ISNCSQTLSTY DLTAVTLDLY HSNGYRARVR AVDGSRHSNW TVTNTRFSVD EVTLTVGSVN LEIHNGFILG KIQLP RP KMA PANDTYESIF SHFREYEIAI RKVPGNFTFT HKKV K HENFS LLTSGEVGEF CVQVKPSVAS RSNKGMWSKE ECISLTRQYF TVTN
Specificity:	His22-Asn235
Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human IL10 at 2 µg/mL (100 µL/well) can bind Human IL10RA with a linear range of 0.1-2.9 ng/mL.

Target Details

Target:	IL-10RA (IL10RA)
Alternative Name:	IL-10 R alpha/IL10RA/CD210 (IL10RA Products)
Background:	<p>Description: IL10RA (Interleukin 10 Receptor Subunit Alpha, also known as CD210) is a Protein Coding gene. The protein encoded by this gene is a receptor for interleukin 10. Two transcript variants, one protein-coding, and the other, not protein-coding have been found for this gene. CD210 belongs to the type II cytokine receptor family. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines.</p> <p>Name: CD210, IL10R, CD210a, CDW210A, HIL-10R, IL-10R1, IL10RA</p>
Gene ID:	3587
UniProt:	Q13651
Pathways:	Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.