

Active Recombinant Human IL10RA protein

Cat. No. IL10RA-236H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL10RA(His22-Asn235) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-235 a.a.
Predicted N Terminal	His22
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit IL-10-dependent proliferation of MC/9-2 mouse mast cells. Thompson-Snipes, L. et al. (1991) J. Exp. Med. 173:507. The ED50 for this effect is typically 0.05-0.25 µg/mL in the presence of 2 ng/mL of Recombinant Human IL-10.
Molecular Mass	Predicted Molecular Mass: 24 kDa;SDS-PAGE: 38-52 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

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centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name IL10RA interleukin 10 receptor, alpha [Homo sapiens]

Official Symbol IL10RA

Synonyms

IL10RA; interleukin 10 receptor, alpha; IL10R; interleukin-10 receptor subunit alpha; CD210; CD210a; CDW210A; HIL 10R; IL-10RA; IL-10R subunit 1; IL-10R subunit alpha; IL-10 receptor subunit alpha; interleukin-10 receptor subunit 1; interleukin-10 receptor alpha chain; HIL-10R; IL-10R1;

Gene ID 3587

mRNA Refseq NM_001558

Protein Refseq NP_001549

MIM 146933

UniProt ID Q13651

Chromosome Location 11q23

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-

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cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Toxoplasmosis, organism-specific biosystem; Toxoplasmosis, conserved biosystem; Tuberculosis, organism-specific biosystem;

Function

interleukin-10 receptor activity; protein binding; receptor activity; signal transducer activity;

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