

# Active Recombinant Human IL10RA Protein (Met1-Asn235), His-tagged

**Cat. No.** IL10RA-1116H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL10RA Protein (NP_001549.2) (Met1-Asn235) was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus.                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-Asn235                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                           |
| <b>Bio-activity</b>     | Measured by its ability to inhibit IL-10 dependent proliferation of MC/9 mouse mast cells. Approximately 0.04-0.2 µg/mL of IL-10Rα will inhibit 50% of the biological response induced by 10 ng/mL of recombinant human IL-10. |
| <b>Molecular Mass</b>   | The recombinant human IL10RA consists of 225 amino acids and predicts a molecular mass of 25.8 kDa.                                                                                                                            |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                       |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                              |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C                                                                                                                                              |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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](#)

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