

## **PRODUCT INFORMATION**

**Target** IL11RA

IL-11 R alpha; IL-11 RA; IL11RA; Interleukin-11 **Synonyms** receptor subunit alpha; IL-11 receptor subunit

alpha;IL-11R subunit alpha;IL-11R-alpha

Recombinant Human IL11RA with C-terminal **Description** 

human Fc tag

Delivery In Stock **Uniprot ID** Q14626 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

Storage & Shipping

**Background** 

IL11RA(Ser24-Ala370) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 44.3 kDa after removal of the signal peptide. The

**Molecular Weight** apparent molecular mass of IL11RA-hFc is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

**Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130

transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both

contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene. [provided by

RefSeq, Jun 2012]

Usage Research use only Conjugate Unconjugated

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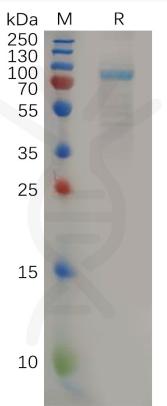


Figure 1. Human IL11RA Protein, hFc Tag on SDS-PAGE under reducing condition.



