PRODUCT INFORMATION

Target	IL11RA
Synonyms	IL-11 R alpha;IL-11 RA;IL11RA;Interleukin-11 receptor subunit alpha;IL-11 receptor subunit alpha;IL-11R subunit alpha;IL-11R-alpha
Description	Recombinant Human IL11RA with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q14626
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL11RA(Ser24-Ala370) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 44.3 kDa after removal of the signal peptide.The apparent molecular mass of IL11RA-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	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.
Background	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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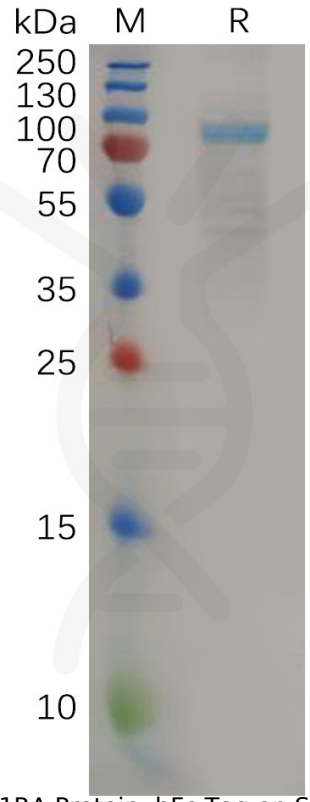

Figure 1. Human IL11RA Protein, hFc Tag on SDS-PAGE under reducing condition.

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