

Recombinant Human IL11RA protein, His-tagged

Cat. No. IL11RA-1328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL11RA aa. (Trp59~Pro220 (Accession # Q14626) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Trp59~Pro220
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	IL11RA interleukin 11 receptor subunit alpha [Homo sapiens (human)]
Official Symbol	IL11RA
Synonyms	IL11RA; interleukin 11 receptor subunit alpha; CRSDA; interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; interleukin 11 receptor, alpha; interleukin-11 receptor alpha chain
Gene ID	3590
mRNA Refseq	NM_001142784.2

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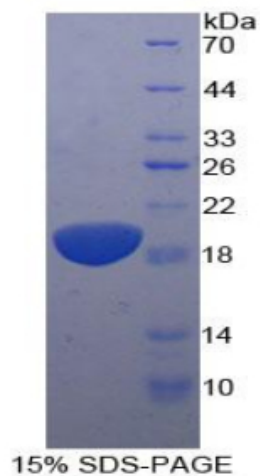
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Protein Refseq NP_001136256.1

UniProt ID Q14626

SDS-PAGE



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