Active Recombinant Human IL11RA protein, Fc-tagged

Cat. No. IL11RA-0197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL11RA protein(Ser24-Ala370), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-370 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-11, His Tag at 5 μg/mL (100 μL/well) can bind Human IL-11 R alpha, Fc Tag with a linear range of 1-10 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 64.3 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser24-Ala370
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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	IL11RA interleukin 11 receptor, alpha [Homo sapiens]
Official Symbol	IL11RA
Synonyms	IL11RA; interleukin 11 receptor, alpha; interleukin-11 receptor subunit alpha; IL-11RA; IL-11R subunit alpha; IL-11 receptor subunit alpha; interleukin-11 receptor alpha chain; CRSDA; MGC2146;
Gene ID	3590
mRNA Refseq	NM_001142784
Protein Refseq	NP_001136256
MIM	600939
UniProt ID	Q14626

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