Recombinant Rat Il11ra1 Protein, His-tagged

Cat. No. Il11ra1-1088R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Il11ra1 (NP_620816.1) (Met1-Gln366) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-366 a.a.
Predicted N Terminal	Thr 24
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human Il11ra1 consists 354 amino acids and predicts a molecular mass of 39.1 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Il11ra1 interleukin 11 receptor, alpha chain 1 [Rattus norvegicus]
Official Symbol	Il11ra1
Synonyms	IL11RA1; interleukin 11 receptor, alpha chain 1; interleukin-11 receptor subunit alpha; IL-11RA; IL-11R-alpha; IL-11R subunit alpha; IL-11 receptor subunit alpha; interleukin-11 receptor alpha chain;
Gene ID	245983
mRNA Refseq	NM_139116
Protein Refseq	NP_620816
MIM	
UniProt ID	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Jak-STAT signaling
Function	interleukin-11 binding; interleukin-11 receptor activity; protein heterodimerization activity; receptor activity;

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