

Recombinant Human IL27RA protein, His & T7-tagged

Cat. No. IL27RA-5788H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL27RA aa. (Glu123~Pro343 (Accession # Q6UWB1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu123~Pro343
Description	In mice, CD4+ helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 5.4.
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 sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	IL27RA interleukin 27 receptor subunit alpha [Homo sapiens (human)]
Official Symbol	IL27RA
Synonyms	CRL1; TCCR; WSX1; IL27R; IL-27RA; zcytor1; IL-27 receptor subunit alpha; IL-27R subunit alpha; IL-27R-alpha; T-cell cytokine receptor type 1; class I cytokine receptor; cytokine receptor WSX-1; cytokine receptor-like 1; interleukin 27 receptor, alpha; type I T-cell cytokine receptor; interleukin-27 receptor subunit alpha
Gene ID	9466
mRNA Refseq	NM_004843.3

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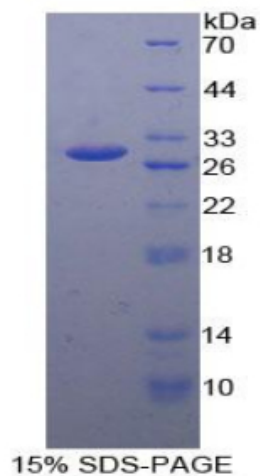
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Protein Refseq NP_004834.1

UniProt ID Q6UWB1

SDS-PAGE



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