

## Recombinant Human IL27RA protein, Fc-tagged

Cat. No. IL27RA-018H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL27RA protein (Gln33-Arg514) was fused to human IgG2a Fc tag at the C-terminus and expressed in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln33-Arg514
<b>Description</b>	Interleukin-27 receptor subunit alpha ( IL27RA) is also known as Cytokine receptor WSX-1, Cytokine receptor-like 1, Type I T-cell cytokine receptor (TCCR), ZcytoR1, IL27RA belongs to the type I cytokine receptor family and type 2 subfamily. IL27RA contains three fibronectin type-III domains. IL27RA is highly expressed in lymphoid tissues such as spleen, lymph nodes and peripheral blood leukocytes. IL27RA is receptor for IL27, but requires IL6ST/gp130 to mediate signal transduction in response to IL27. IL27RA involved in the regulation of Th1-type immune responses. IL27RA also appears to be involved in innate defense mechanisms.
<b>Predicted N Terminal</b>	Gln33
<b>Form</b>	50 mM Tris, 100 mM Glycine, pH7.5
<b>Molecular Mass</b>	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

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<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	<p>For long term storage, the product should be stored at lyophilized state at -20°C or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20°C to -70°C for 12 months in lyophilized state;            -70°C for 3 months under sterile conditions after reconstitution.</p>
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

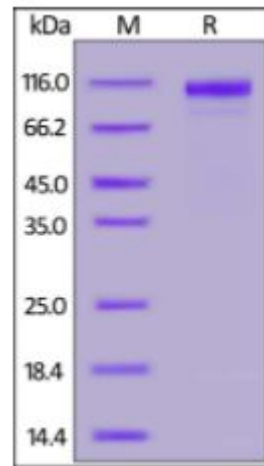
<b>Gene Name</b>	IL27RA
<b>Official Symbol</b>	IL27RA
<b>Synonyms</b>	IL27RA,CRL1,TCCR,WSX1
<b>Gene ID</b>	9466
<b>mRNA Refseq</b>	NM_004843.4
<b>Protein Refseq</b>	NP_004834.1
<b>MIM</b>	605350
<b>UniProt ID</b>	Q6UWB1

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**SDS-PAGE of  
IL27RA-018H**



Human IL-27 Ra, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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