Recombinant Human IL27RA protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL27RA protein (Gln33-Arg514) was fused to human IgG2a Fc tag at the C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Gln33-Arg514
Description	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.
Predicted N Terminal	Gln33
Form	50 mM Tris, 100 mM Glycine, pH7.5
Molecular Mass	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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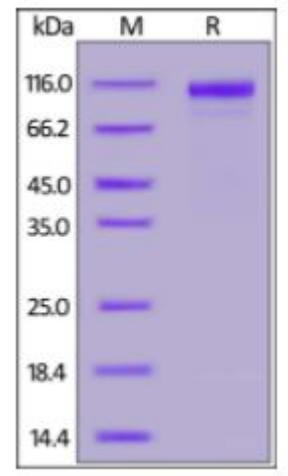
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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