

Active Recombinant Human IL27RA protein, hFc-tagged

Cat. No. IL27RA-1629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL27RA protein(Met 1-Arg 514)(NP_004834.1) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-514 aa
Form	Lyophilized from sterile PBS, pH 7.4, 8% trehalose, 8% mannitol.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human IL27 at 20 µg/ml (100 µl/well) can bind human IL27Ra with a linear ranger of 0.064-1.6 µg/ml.
Molecular Mass	The recombinant human IL27Ra/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 722 amino acids and has a predicted molecular mass of 79 kDa. As a result of glycosylation, rh IL27Ra/Fc monomer migrates as an approximately 105-115 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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 IL27RA interleukin 27 receptor, alpha [Homo sapiens]

Official Symbol IL27RA

Synonyms

IL27RA; interleukin 27 receptor, alpha; interleukin-27 receptor subunit alpha; CRL1; IL 27R; T cell cytokine receptor type 1; TCCR; WSX 1; WSX1; zcytor1; IL-27RA; IL-27R-alpha; IL-27R subunit alpha; cytokine receptor-like 1; class I cytokine receptor; IL-27 receptor subunit alpha; T-cell cytokine receptor type 1; type I T-cell cytokine receptor; IL27R;

Gene ID 9466

mRNA Refseq NM_004843

Protein Refseq NP_004834

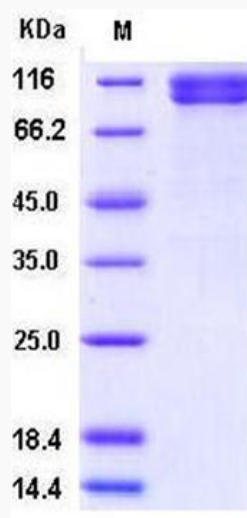
MIM 605350

UniProt ID Q6UWB1

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SDS-PAGE

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