

Active Recombinant Human IL27 protein, Fc-tagged

Cat. No. IL27-150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL27 composed of IL27B subunit (NP_005746.2) (Phe 29 - Pro 243) and the N-terminally truncated IL27p28 subunit (NP_663634.2) (Arg 21 - Lys 229) linked by an polypeptide linker, fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Human
Source	HEK293
ProteinLength	29-243 aa&21-229 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human IL-27 Protein, Fc Tag, premium grade at 5 µg/mL (100 µL/well) can bind Human IL-27 Ra Protein, His Tag with a linear range of 0.008-0.25 µg/mL.
Molecular Mass	The protein has a calculated MW of 75.9 kDa. The protein migrates as 44 kDa, 48 kDa and 90-95 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method / rFC method.
Purity	>85% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or

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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 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL27 interleukin 27 [Homo sapiens]
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Official Symbol	IL27
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Synonyms	IL27; interleukin 27;
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Gene ID	144841
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