

Active Recombinant Human IL27 protein, His-tagged

Cat. No. IL27-311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL27 complex composed of IL27B subunit (NP_005746.2) (Arg 21 - Lys 229) and the N-terminally truncated IL27p28 (IL27A) subunit (NP_663634.2) (Phe 29-Pro 243) linked by a polypeptide linker, fused with a polyhistidine tag at the C-terminus,
Species	Human
Source	HEK293
ProteinLength	29-243 aa&21-229 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human IL-27 RA, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-27, His Tag with the EC50 of 22.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 50.6 kDa. Due to glycosylation, the protein migrates to 54-64 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name IL27 interleukin 27 [Homo sapiens]

Official Symbol IL27

Synonyms IL27; interleukin 27;

Gene ID 144841

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