

Recombinant Human IL27 Protein (Phe29-Pro243), N-His tagged

Cat. No. IL27-3675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IL27A/IL30 (Phe29-Pro243) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe29-Pro243
Description	The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4 (+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4 (+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR).
Molecular Mass	26.81 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	IL27 interleukin 27 [Homo sapiens (human)]
Official Symbol	IL27
Synonyms	IL27; interleukin 27; p28; IL30; IL-27; IL27A; IL-27A; IL27p28; interleukin-27 subunit alpha; IL-27 p28 subunit; IL-27 subunit alpha; IL-27-A; IL27-A; interleukin-30
Gene ID	246778
mRNA Refseq	NM_145659
Protein Refseq	NP_663634
MIM	608273
UniProt ID	Q8NEV9

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