

Active Recombinant Human EBI3 Protein (Arg21-Lys229), C-His tagged, Animal-free, Carrier-free

Cat. No. EBI3-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EBI3 Protein (Arg21-Lys229) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Arg21-Lys229
Description	Interleukin 27 EBI3 (IL-27 EI3) predicts a molecular mass of 23.4 kDa. IL-27 is a heterodimeric cytokine that is encoded by Epstein-Barr virus-induced gene 3 (EBI3) and IL-27p28. It is expressed by antigen presenting cells and interacts with a specific cell-surface receptor complex known as IL-27 receptor (IL-27R).
Form	Lyophilized
Bio-activity	Measure by its ability to induce TF-1 cells proliferation using a concentration range of 20-200 ng/mL.
Molecular Mass	The protein has a calculated MW of 24.25 kDa. The protein migrates as 25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	EBI3 Epstein-Barr virus induced 3 [Homo sapiens (human)]
Official Symbol	EBI3
Synonyms	EBI3; Epstein-Barr virus induced 3; interleukin-27 subunit beta; IL27 subunit; IL35 subunit; cytokine receptor; IL-27 subunit beta; EBV-induced gene 3 protein; Epstein-Barr virus induced gene 3; epstein-Barr virus-induced gene 3 protein; IL27B; IL-27B;
Gene ID	10148
mRNA Refseq	NM_005755
Protein Refseq	NP_005746

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MIM 605816

UniProt ID Q14213

SDS-PAGE analysis
of recombinant
human IL-27 (EBI3).

kDa

75

63

48

35

25

17



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