

IL-27 EBI3 Active Protein | IL-27EBI3 active protein

Recombinant Mouse IL-27 EBI3 protein (N-His)(active)

CATALOG # AAA178005	HOST E Coli
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PRODUCT SYNONYMS

IL-27 EBI3; Recombinant Mouse IL-27 EBI3 protein (N-His)(active); Lymphopoietin 1(LP-1); pre-B-cell factor; IL-27EBI3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4
Sequence	Ala23-Pro2 28
Species	Mouse
Tag	C-His
Endotoxin	<0.1 EU per 1 ug of the protein by the LAL method.
Biological Activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is <5 ng/mL.
Reconstitution	We recommend centrifuging the vial before opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that reconstitution buffer be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

ADDITIONAL INFORMATION

Related Product Information for IL-27EBI3 active protein	Background: Possesses antiviral functions and induces the type I interferon response during influenza infection. Signals through two receptor complexes IL20RA/IL20RB or IL20RB/IL22RA1. In turn, stimulates the JAK1-STAT3 and MAPK pathways and promotes the secretion of pro-inflammatory mediators including IL8 and MMP1 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657052
NCBI GeneID	50498
NCBI Accession #	NP_056581.1
NCBI GenBank Nucleotide #	NM_015766.2
UniProt Accession #	O35228
Molecular Weight	Mol_Mass: 23.8 kDa AP_Mol_Mass: 27kDa
NCBI Official Full Name	interleukin-27 subunit beta

NCBI Official Synonym Full Names	Epstein-Barr virus induced gene 3
NCBI Official Symbol	Ebi3
NCBI Official Synonym Symbols	EBI-3; IL-27
NCBI Protein Information	interleukin-27 subunit beta; IL-27 subunit beta; IL-27B; epstein-Barr virus-induced gene 3 protein homolog
UniProt Protein Name	Interleukin-27 subunit beta
UniProt Gene Name	Ebi3
UniProt Synonym Gene Names	Il27b; IL-27 subunit beta; IL-27B
UniProt Entry Name	IL27B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-il-27ebi3-active-protein/il-27-ebi3/178005>