

IL-30 recombinant protein

Recombinant Human IL-30 protein (N-His)

CATALOG #
AAA178003

HOST
E Coli

PRODUCT SYNONYMS

IL-30; Recombinant Human IL-30 protein (N-His); IL-27-p28 subunit; IL-30 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>98% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 8.0
Sequence	Phe29-Pro2 43
Species	Human
Tag	N-His
Endotoxin	<0.1 EU per 1 ug of the protein by the LAL method.
Reconstitution	We recommend centrifuging the vial before opening to bring the contents to the bottom. Do not vortex. It is recommended that reconstitution buffer be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4 to 8°C for 2 to 7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for IL-30 recombinant protein	IL-30, also known as IL-27A,p28. IL-27 protein is a member of the IL-6 superfamily, which is expressed on monocytes, endothelial cells, and dendritic cells. IL-27 protein is also referred to as the IL-12 p35-related protein, p28, is one subunit of a heterodimeric cytokine complex, and associates with another subunit EBI3 (EBV-induced gene 3), and IL-12 p40-related protein (IL-27B). IL-27 protein is an early product of activated antigen-presenting cells and drives the rapid clonal expansion of naive CD4(+) T cells and plays a role in the early regulation of Th1 cells initiation which drives efficient adaptive immune response. IL-27 protein has an antiproliferative activity on melanomas through WSX-1/STAT1 signaling. Thus, IL-27 protein may be an attractive candidate as an antitumor agent applicable to cancer immunotherapy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	182701368
NCBI GeneID	246778
UniProt Accession #	Q8NEV9; Q6P676; A0N0L2
Molecular Weight	25.5 kDa
NCBI Official Full Name	Interleukin-27 subunit alpha
NCBI Official Synonym Full Names	interleukin 27

NCBI Official Symbol	IL27
NCBI Official Synonym Symbols	p28; IL30; IL-27; IL27A; IL-27A; IL27p28
NCBI Protein Information	interleukin-27 subunit alpha; IL27-A; IL-27-A; interleukin 30; interleukin-30; IL-27 p28 subunit; IL-27 subunit alpha
UniProt Protein Name	Interleukin-27 subunit alpha
UniProt Gene Name	IL27
UniProt Synonym Gene Names	IL27A; IL30; IL-27 subunit alpha; IL-27-A; IL27-A
UniProt Entry Name	IL27A_HUMAN

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/il27-recombinant-protein-e-coli/178003>