

Interleukin-27 p28 Active Protein | IL 27 active protein

Recombinant Human Interleukin-27 p28

CATALOG # AAA39117	HOST HEK
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PRODUCT SYNONYMS

Interleukin-27 p28; Recombinant Human Interleukin-27 p28; Interleukin-30; IL-30; IL-27/p28; p28; Interleukin-27; Interleukin-27/p28; IL-27; Interleukin-27 subunit alpha; IL-27 subunit alpha; IL27-A; IL27; IL27a; IL-27p28; IL 27 active protein

PRODUCT SPECIFICATIONS

Host	HEK
Purity/Purification	Greater than 90% as determined by analysis by SDS-PAGE.
Form/Format	The IL-27 was lyophilized from 1mg/ml in 1xPBS.
Sequence	IL-27A(215 aa):FPRPPG RPQLSLQELR REFTVSLHLA RKLLAEVRGQ AHRFAESHLP GVNLYLLPLG EQLPDVSLTF QAWRRSLDPE RLCFISTTLQ PFHALLGGLG TQGRWTNMR MQLWAMRLDL RDLQRHLRFQ VLAAGFNLPE EEEEEEEEE EERKGLPGA LGSALQGPAQ VSWPQLLSTY RLLHSLELVL SRAVRELLL SKAGHSVWPL GFPTLSPQPI L-27B(209a a):RKGPPAA LTLPRVQCRA SRYPIAVDCS WTLPPAPNST SPVSFIATYR LGMAARGHSW PCLQQTPTST SCTITDVQLF SMAPYVLNVT AVHPWGSSSS FVPFITEHII KPDPPEGVRL SPLAERQLQV QWEPPGSWPF PEIFSLKYWI RYKRQGAARF HRVGPIEATS FILRAVRPRA RYVVQVAAQD LTDYGELSDW SLPATATMSL GK
Sequence Length	243
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried powder).
Solubility	It is recommended to reconstitute the lyophilized IL-27 in sterile PBS containing 0.1% endotoxin-free recombinant HSA.
Biological Activity	The specific activity was determined by the dose dependent inhibition of HIV replication in human CD4+ T cells and in human monocyte-derived macrophages and is typically 4-12ng/ml.
Preparation and Storage	Lyophilized IL-27 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-27 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for IL 27 active protein	IL-27 Human recombinant produced in HEK cells is a glycosylated non-covalently heterodimer that consists of 2 chains, IL27A (IL27p28) having a Mw of 25kDa and IL27B (EBI3) having a Mw OF 30 kDa. Each chain migrates separately on SDS-PAGE. The IL-27 protein is purified by proprietary chromatographic techniques.
Product Categories/Family for IL 27 active protein	Cytokines and Growth Factors; Cytokines; Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416913
NCBI GeneID	246778
NCBI Accession #	NP_663634.2
NCBI GenBank Nucleotide #	NM_145659.3

UniProt Accession #	Q8NEV9; Q6P676; A0N0L2
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; IL-27 p28 subunit; IL-27 subunit alpha; IL-27-A; IL27-A; interleukin 30; interleukin-30
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/hek-il-27-active-protein/interleukin-27-p28/39117>