

Recombinant Human IL-27/IL-27A&IL-27B Protein

Catalog No.: RP03226 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|------------------|-------------------|
| Human | 246778 □10148 | Q8NEV9 □Q14213 |

Tags

C-His

Synonyms

Interleukin-27; p28; IL30; IL-27; IL-27A; IL27; p28

Product Information

| Source | Purification |
|-----------|--------------------|
| CHO cells | > 95% by SDS-PAGE. |

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, 200mM L-arginine (pH 7.4). Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin (IL)-27, a member of the IL-6/IL-12 family, has an important role in modulating inflammation in partnership with innate and adaptive immune cells.

Basic Information

Description

Recombinant Human IL-27 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Arg21-Lys229(IL-27B)&Phe29-Pro243(IL-27A)) of Human IL-27 (Accession #Q8NEV9□Q14213) fused with a 6×His tag at the C-terminus.

Bio-Activity

1. Immobilized Human IL-27 RA, hFc Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Human IL-27, His Tag with the EC50 of 55.9ng/ml determined by ELISA (QC Test)|2. Human IL-27 RA, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-27, His Tag with an affinity constant of 3.58 nM as determined in SPR assay (Biacore T200).

Storage

Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

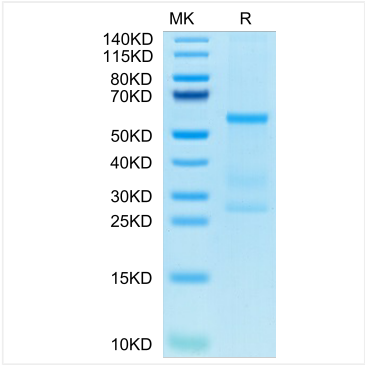
Contact

☎ | 400-999-6126

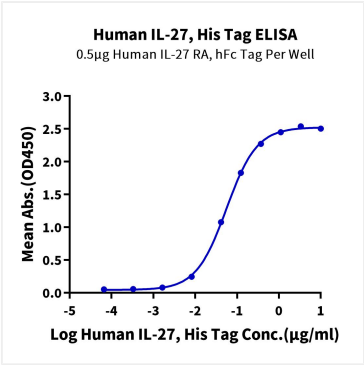
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Validation Data



Recombinant Human IL-27/IL-27A&IL-27B Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 54-64 kDa.



Immobilized Human IL-27 RA, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-27, His Tag with the EC50 of 55.9ng/ml determined by ELISA (QC Test).

