

Recombinant Human IL-27

Catalog Number: HZ-1275

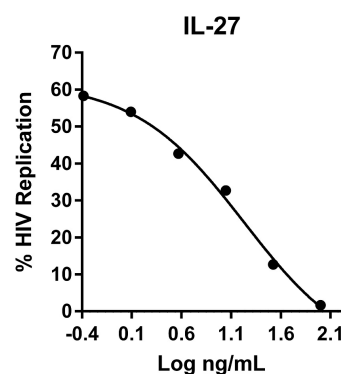
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 12 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	25 and 30 kDa heterodimer, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	246778



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

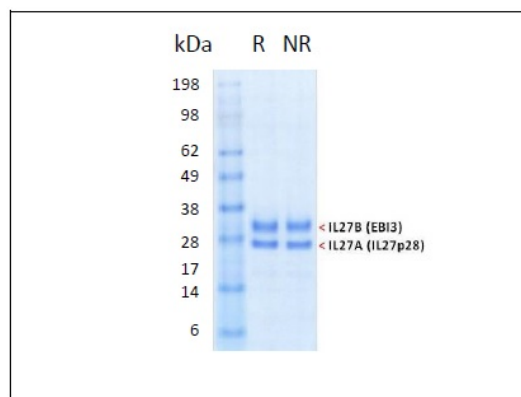
The specific activity was determined by the dose-dependent inhibition of HIV replication in human CD4+ T cells and in human monocyte-derived macrophages as described in Fakruddin, J.M., et al. Blood 109:1841.

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human IL-27 is expressed in human 293 cells as a non-covalently bonded heterodimer cytokine composed of IL27p28 (25 kDa) and glycosylated EB13 (30 kDa). Production in human 293 cells uses a serum-free, chemically defined media and offers authentic glycosylation. Cytokines produced in non-human expression systems may have an artificial linker, a tag, and/or not human-like posttranslational modifications.



The protein was resolved by SDS- polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

Synonyms

IL27, IL 27

For technical support and original validation data for this product please contact:

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