

# Recombinant Human IL-27

Catalog Number: **HZ-1275**

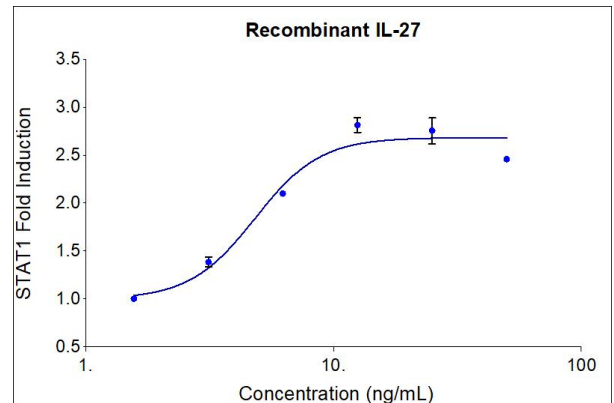
HEK293 expressed

Endotoxin-free

Animal-component free

## Technical Specifications

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



The activity was determined by the dose-dependent phosphorylation of Stat1 in human liver hepatocellular carcinoma HepG2 cells.

## Reconstitution Buffer

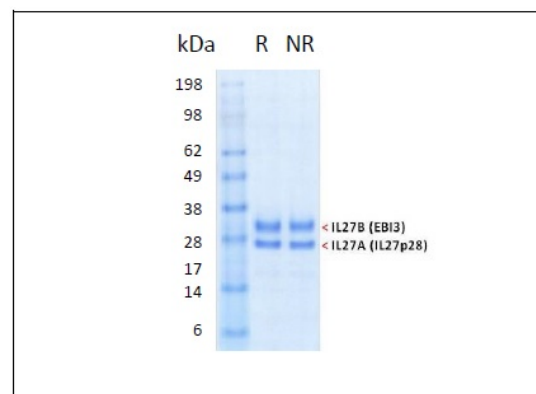
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

## 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.

## Synonyms

IL 27, IL 27 A, IL 27 subunit alpha, IL 27A, IL27, IL-27, IL27 A, IL27A, IL27p28, IL30, interleukin 27, Interleukin 27 subunit alpha, p28

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

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