

## Recombinant Human IL-27

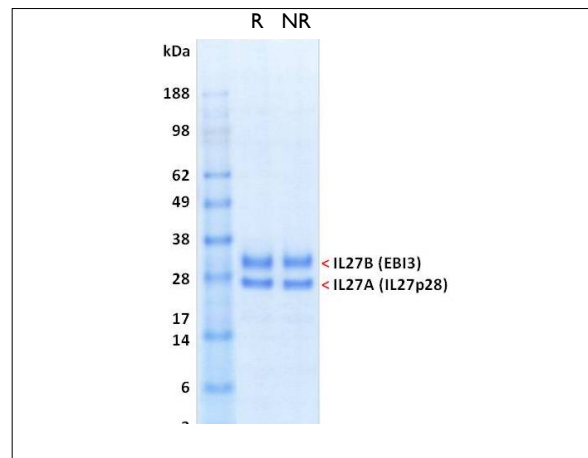
### Product Description

- Endotoxin-free\*
- Animal-derived product free
- Available in Bulk
- High Activity

Xeno-free HumanKine<sup>®</sup> 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.



All HumaXpress<sup>®</sup> HumanKine<sup>™</sup> cytokines are animal-component-free and Xeno-free<sup>™</sup>



### Typical Specifications

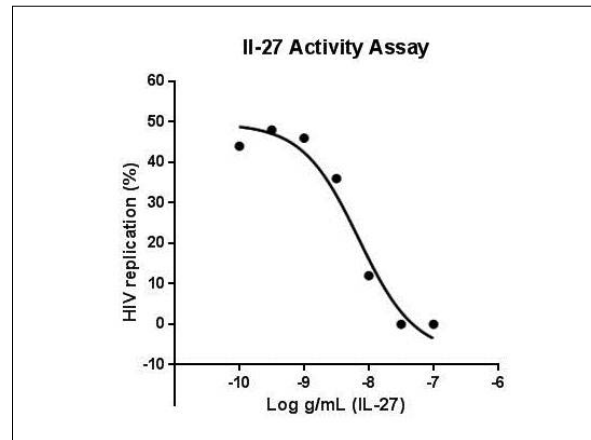
<b>Species</b>	Human
<b>Expression</b>	HEK293 Cell Expressed
<b>Activity</b>	Typically $\leq 12$ ng/mL EC50
<b>Purity</b>	>95%
<b>Endotoxin</b>	<1 EU/ $\mu$ g
<b>Molecular Mass</b>	25 and 30 kDa heterodimer, glycosylated
<b>Formulation</b>	1x PBS

### Purity Confirmation

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

### Activity Assay

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



### 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).

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