

HumanKine[®] IL-27 (Recombinant Human)



Animal Component-Free	Human cell expressed	Tag-Free	Endotoxin Free
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Product Description

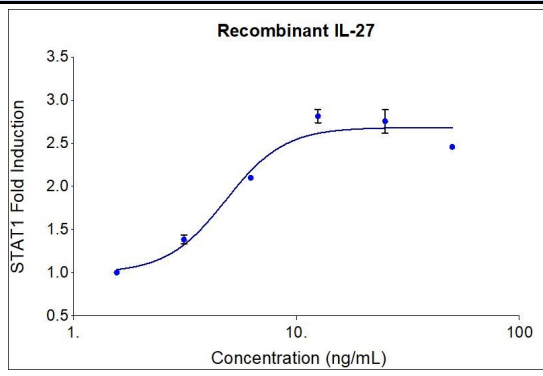
Animal-free Recombinant Human IL-27 is expressed in human 293 cells as a non-covalently bonded heterodimer cytokine composed of IL27p28 (25 kDa) and glycosylated EB13 (30 kDa). Production in human 293 cells uses a serum-free, chemically defined media and offers authentic glycosylation. Cytokines produced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

Alternative Names	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
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived IL-27 protein

Specifications

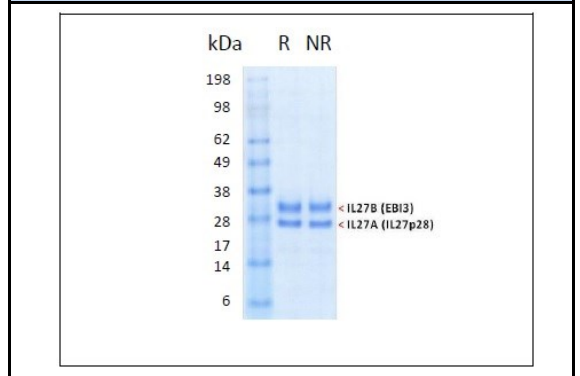
Test	Method	Specification
Activity		Typically \leq 12 ng/mL EC50
Molecular Mass	SDS-PAGE	25 and 30 kDa heterodimer, glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/ μ g

Activity Data



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

SDS-PAGE



Preparation	
Shipping Temperature	ambient temperature
Formulation	1x PBS, See Certificate of Analysis for details
Reconstitution	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	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

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