

Datasheet for ABIN6700105

IL-27 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	2 µg
Target:	IL-27 (IL27)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	IL-30, P28, IL-27 p28 subunit
Purification:	The p28 subunit of IL-27 is produced with no animal-derived raw products, animal free equipment and animal free protocols. Purity was determined to be greater than 97% as determined by reducing and non-reducing SDS-PAGE.
Endotoxin Level:	Low endotoxin

Target Details

Target:	IL-27 (IL27)
Alternative Name:	IL-27 (p28) (IL27 Products)
UniProt:	Q8K3I6

Application Details

Application Notes:	Application Note: Interleukin-27 Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Interleukin-27 in immunological assays. Buffer Formulation: 10 mM sodium
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Application Details

bicarbonate, pH 8.5.

Other Performance Data: Biological Activity: Mouse p28 biological activity was measured via dose-dependent inhibition of TGF β and IL-6-induced IL-17A expression in mouse CD4 splenocytes. 50 ng/mL of Mouse p28 is capable of inhibiting >25 % of IL-17A expression in this assay. no acceptance criteria limits established. Endotoxin Level: Measured by LAL is typically \leq 1 EU/ μ g (with a 50 % confidence range).

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 2 μ L (2-20 μ L)
Reconstitution Buffer: Restore with deionized water (or equivalent)

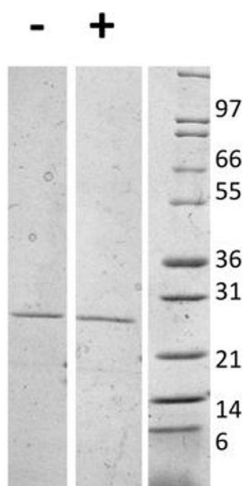
Buffer: Stabilizer: None

Preservative: Without preservative

Storage: RT, 4 $^{\circ}$ C, -20 $^{\circ}$ C

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse Interleukin-27 (p28) Recombinant Protein (Animal Free) SDS-PAGE of Mouse Interleukin-27 (p28) Animal Free Recombinant Protein. Lane 1: 1 μ g Mouse IL-27/p28 AF in non-reducing conditions. Lane 2: 1 μ g Mouse IL-27/p28 AF in reducing conditions (+). Lane 3: Molecular weight marker. Mouse IL-27/p28 AF subunit is subunit with a predicted MW of 23.7 kDa.