

Datasheet for ABIN2723689

IL27 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	IL27
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Antibody Production (AbP), Functional Studies (Func), Protein Interaction (PI), Standard (STD)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none">• Recombinant human Interleukin-27 / IL27A protein expressed in HEK293.• Produced with end-sequenced ORF clone• Tested for bioactivity.
Purity:	Purity is > 95 % , as determined by Coomassie stained SDS-PAGE.
Endotoxin Level:	Less than 0.01 ng per µg protein as determined by the LAL method.
Biological Activity Comment:	The ED50 is 5 - 10 ng/ml, corresponding to a specific activity of 1.0 - 2.0 x 10 ⁵ units/mg, determined by inhibition of IL-2 production induced by mouse IL-27 in mouse splenocytes activated with anti-CD3 and anti-CD28 antibodies.

Target Details

Target:	IL27
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Target Details

Alternative Name:	Interleukin-27,il27a (IL27 Products)
Molecular Weight:	49 kDa
NCBI Accession:	NP_663611

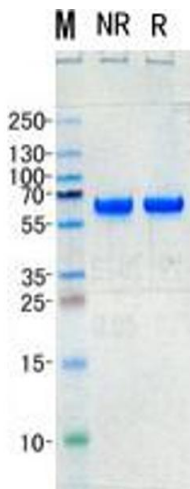
Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Restrictions:	For Research Use only

Handling

Concentration:	> 50 µg/mL
Buffer:	20 mM NaH2PO4, pH 6, 0.60 M NaCl
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot