

Active Recombinant Mouse IL27 protein, His-Avi-tagged, Biotinylated

Cat. No. IL27-0234M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse IL27 protein(Tyr19-Pro228(IL-27B)&Phe29-Ser234(IL-27A)), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-228;29-234 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 20 mM MOPS, 150 mM NaCl, 0.05% CHAPS, 1mM EDTA, pH7.0. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-27 Ra, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse IL-27 Protein, His,Avitag with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 52.2 kDa. The protein migrates as 55 kDa (IL-27B) & 60 kDa (IL-27A) under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Tyr19-Pro228(IL-27B)&Phe29-Ser234(IL-27A)
Endotoxin	Less than 1.0 EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	IL27 interleukin 27 [<i>Mus musculus</i>]
Official Symbol	IL27
Synonyms	IL27; interleukin 27; interleukin-27 subunit alpha; IL27-A; IL-27-A; interleukin 30; IL-27 p28 subunit; IL-27 subunit alpha; p28; IL30; IL-27; IL-27p28;
Gene ID	246779
mRNA Refseq	NM_145636
Protein Refseq	NP_663611

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