

Recombinant Rat IL27 Protein, His-tagged

Cat. No. IL27-1032R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL27 Protein (Asp32-Pro234+GGGGS*3+Gly18-Pro228) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Asp32-Pro234+GGGGS*3+Gly18-Pro228
Description	Predicted to enable interleukin-27 receptor binding activity. Involved in response to bacterium. Predicted to be active in extracellular space. Human ortholog(s) of this gene implicated in asthma; chronic obstructive pulmonary disease; and pulmonary tuberculosis. Orthologous to human IL27 (interleukin 27).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.6 kDa; Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

IL27 interleukin 27 [*Rattus norvegicus* (Norway rat)]

Official Symbol

IL27

Synonyms

IL27; interleukin 27; RGD1561420;

Gene ID

365368

mRNA Refseq

XM_039101198

Protein Refseq

XP_038957126

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