

Recombinant Mouse IL27 Protein, His-tagged

Cat. No. IL27-1675M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL27 Protein (Phe29-Ser234+GGGGS*3+Tyr19-Pro228) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe29-Ser234+GGGGS*3+Tyr19-Pro228
Description	Enables interleukin-27 receptor binding activity. Acts upstream of or within positive regulation of defense response to virus by host and regulation of T cell proliferation. Located in extracellular space. Is expressed in decidua; embryo; and extraembryonic component. 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.

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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 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.

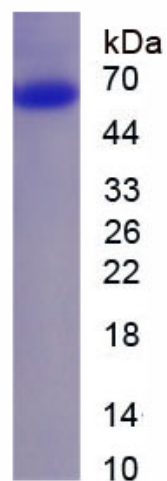
GENE INFORMATION

Gene Name	IL27 interleukin 27 [<i>Mus musculus</i> (house mouse)]
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
UniProt ID	Q8K3I6

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