

Recombinant Mouse IL27 Protein, His-tagged

Cat. No. IL27-2307M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL27 Protein (Phe29-Ser234) with a N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
Protein Length	Phe29-Ser234
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: 25.4 kDa Accurate Molecular Mass: 28/30 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%

 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

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 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 [Mus musculus (house mouse)]
Official Symbol	IL27
Synonyms	IL27; interleukin 27; p28; IL30; IL-27; IL27-A; IL-27-A; IL-27p28; interleukin-27 subunit alpha IL-27 p28 subunit IL-27 subunit alpha interleukin 30
Gene ID	246779
mRNA Refseq	NM_145636

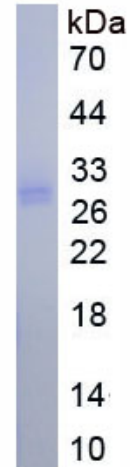
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