

Active Recombinant Mouse Interleukin 27, MIgG2a Fc-tagged

Cat. No. IL27-405M Lot. No. (See product label)

SPECIFICATION

Product Overview	The mouse IL-27 complex composed of the Ebi3 subunit (NP_056581.1)(aa 1-228) and the p28 subunit (AAI19403.1)(aa29-234) is fused through a polypeptide linker to the Fc portion of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	1-228;29-234 a.a.
Description	IL27 (interleukin 27) is a protein-coding gene. Diseases associated with IL27 include human t-cell leukemia virus type 1, and visceral leishmaniasis, and among its related super-pathways are Th1 Differentiation. GO annotations related to this gene include interleukin-27 receptor binding and receptor binding.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Bioactivity was measured in a cell proliferation assay of Con A activated mouse splenocytes.
Molecular Mass	76KDa
AA Sequence	The mouse IL-27 complex composed of the Ebi3 subunit (NP_056581.1)(aa 1-228) and the p28 subunit (AAI19403.1)(aa29-234) is fused through a polypeptide linker to the Fc portion of mouse IgG2a.

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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
Function	cytokine activity; interleukin-27 receptor binding; protein binding; receptor binding;

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