

Active Recombinant Mouse Il27 Protein

Cat. No. Il27-3518M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 27 (Il27) without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	Broad expression in genital fat pad adult (RPKM 5.8), spleen adult (RPKM 2.5) and 18 other tissues
Bio-activity	The ED50 is 5 - 10 ng/mL, corresponding to a specific activity of $1.0 - 2.0 \times 10^5$ units/mg, determined by inhibition of IL-2 production induced by mouse IL-27 in mouse splenocytes activated with anti-CD3 and anti-CD28 antibodies.
Molecular Mass	49 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 95%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

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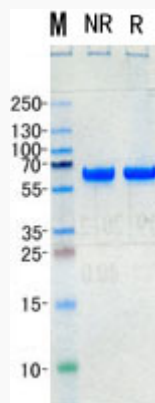
Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 µg/mL in specified buffer
Storage Buffer	20 mM NaH ₂ PO ₄ , pH 6, 0.60 M NaCl
GENE INFORMATION	
Gene Name	Il27 interleukin 27 [Mus musculus (house mouse)]
Official Symbol	Il27
Synonyms	Il27; interleukin 27; Il; p2; IL-; 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
Protein Refseq	NP_663611
UniProt ID	Q8K3I6

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SDS-PAGE



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