

Recombinant Murine Interleukin-27 / p28 (IL-30)

CATALOG #:	4187-10	10 µg
	4187-1000	1 mg
SOURCE:	<i>E. coli</i>	
PURITY:	> 97% by SDS-PAGE and HPLC analysis	
ENDOTOXIN:	≤ 1 EU/µg by LAL method	
FORMULATION:	Lyophilized from a sterile 0.2 µm filtered aqueous solution containing 10 mM sodium bicarbonate, pH 8.5	

RECONSTITUTION:

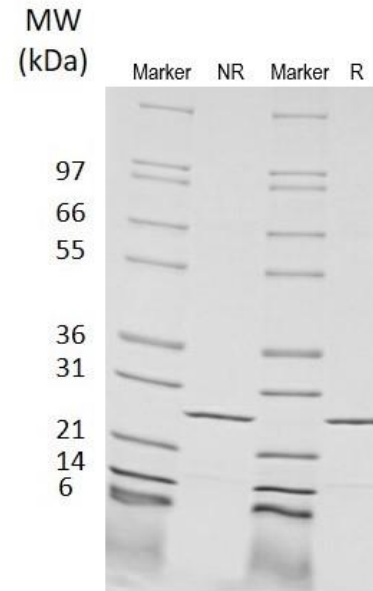
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-0.5 mg/ml. The solution can then be diluted into other aqueous buffers and stored at -4 °C for one week or -20 °C for future use.

STORAGE CONDITIONS:

The lyophilized murine IL-27 is best-stored desiccated below 0 °C. Reconstituted IL-27 should be stored at working aliquots at -20 °C. For long-term storage it is recommended to add a carrier protein (0.1% HAS or BSA). Avoid repeated freeze-thaw cycles.

DESCRIPTION:

The p28 subunit of IL-27 (IL-27/p28), also known as Interleukin-30 (IL-30), is a member of the IL-12 family of cytokines. When combined with EB13 (Epstein-Barr virus induced gene 3), p28 forms a heterodimer known as IL-27. The p28 subunit is thought to be a pro-inflammatory cytokine inducing immuno-modulatory effects, but the details of these effects are currently unclear and research is focused on delineating its specific biological functions. Recombinant mouse p28 is a non-glycosylated protein, containing 207 amino acids, with a molecular weight of 23.7 kDa.



1 g of Recombinant Murine Interleukin-27/p28 was run under non-reducing (NR) and reducing (R) conditions on SDS-PAGE and visualized using Coomassie Blue stain.

Predicted molecular weight is 23.7 kDa,

RELATED PRODUCTS:

- IL-27 / EB1-3, Human Recombinant (Cat. No. 4376)
- IL-27 / EB1-3, Murine Recombinant (Cat. No. 4377)
- IL-12, Human Recombinant (Cat. No. 4161)
- Human CellExp™ IL-12, Human Recombinant (Cat. No. 6467)
- Human CellExp™ IL-12, Mouse Recombinant (Cat. No. 4719)

FOR RESEARCH USE ONLY! Not to be used on humans.