

Recombinant Mouse IL-27 Protein

Catalog #	Source	Reactivity	Applications
CRP3004	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse IL-27 Protein is produced by mammalian expression system and the target gene encoding Tyr19-Pro228 & Phe29-Ser234 is expressed		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	EBI3; IL27		
Alternative Names	IL27B; Interleukin-27 subunit beta; IL-27 subunit beta; IL-27B; Epstein-Barr virus-induced gene 3 protein; EBV-induced gene 3 protein; IL27A; IL30; Interleukin-27 subunit alpha; IL-27 subunit alpha; IL-27-A; IL27-A; Interleukin-30; p28		
Entrez Gene	50498; 246779 (Mouse)		
SwissProt	O35228; Q8K316 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>YTETALVALS QPRVQCHASR YPVAVDCSWT PLQAPNSTRS TSFIATYRLG VATQQSQPC</p> <p>LQRSPQASRC TIPDVHLFST VPYMLNVTAV HPGGASSLL AFVAERIIKP DPPEGVRLRT</p> <p>AGQRLQVLWH PPASWPFPI FSLKYRLRYR RRGASHFRQV GPIEATFTL RNSKPHAKYC</p> <p>IQVSAQDLTD YGKPSDWSLP GQVESAPHKP GGGSGGGSGG GSGGGSFPTD PLSLQELRRE</p> <p>FTVSLYLARK LLSEVQGYVH SFAESRLPGV NLDLLPLGYH LPNVSLTFQA WHHLSDSERL</p> <p>CFLATTLRPF PAMLGGLGTQ GTWTSSEREQ LWAMRLDLRD LHRHLRFQVL AAGFKCSKEE</p> <p>EDKEEEEEEE EEEKKLPLGA LGGPNQVSSQ VSWPQLLYTY QLLHSLELVL SRAVRDLLLL</p> <p>SLPRRPGSAW DSVDHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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