

Recombinant Human IL37 Protein

Catalog #	Source	Reactivity	Applications
CRP1807	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human IL37 Protein is produced by our E. coli expression system and the target gene encoding Lys53-Asp218 is expressed.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 2mM DTT, pH 7.4		
Gene Symbol	IL37		
Alternative Names	FIL1Z; IL1F7; IL1H4; IL1RP1; Interleukin-37; FIL1 zeta; IL-1X; Interleukin-1 family member 7; IL-1F7; Interleukin-1 homolog 4; IL-1H; IL-1H4; Interleukin-1 zeta; IL-1 zeta; Interleukin-1-related protein; IL-1RP1; Interleukin-23; IL-37		
Entrez Gene	27178 (Human)		
SwissProt	Q9NZH6 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MKNLNPKKFS IHDQDHKVLV LDSGNLIAVP DKNYIRPEIF FALASSLSSA SAEKGSPILL GVSKGEFCLY CDKDKGQSHP SLQLKKEKLM KLAAQKESAR RPFIFYRAQV GSWNMLESAA HPGWFICTSC NCNEPVGVTD KFENRKHIEF SFQPVCKAEM SPSEVSD		
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 lyophilized protein in 1X PBS. 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.		

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

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

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