Cohesion BIOSCIENCES

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Product Data Sheet

Recombinant Human IL-1 beta Protein

Catalog #	Source	Reactivity	Applications
CST1090	E. coli	H	

Description	Recombinant Human IL-1 beta Protein is produced by E. coli expression system and the target gene encoding Ala117-Ser269 is expressed with N-terminus GST tag.
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.
Gene Symbol	IL1B
Alternative Names	IL1F2; Interleukin-1 beta; IL-1 beta; Catabolin
Entrez Gene	3553
SwissProt	P01584
Purity	
Chemical Structure	APVRSLNCTL RDSQQKSLVM SGPYELKALH LQGQDMEQQV VFSMSFVQGE ESNDKIPVAL GLKEKNLYLS CVLKDDKPTL QLESVDPKNY PKKKMEKRFV FNKIEINNKL EFESAQFPNW YISTSQAENM PVFLGGTKGG QDITDFTMQF VSS
Quality Control	
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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