

Product Data Sheet

Recombinant Human Caspase-1 Protein

Catalog #	Source	Reactivity	Applications
CST1829	E. coli	H	
Description	Recombinant Human Caspase-1 Protein is produced by E. coli expression system and the target gene encoding Met1-His404 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CASP1		
Alternative Names	IL1BC; IL1BCE; Caspase-1; CASP-1; Interleukin-1 beta convertase; IL-1BC; Interleukin-1 beta-converting enzyme; ICE; IL-1 beta-converting enzyme; p45		
Entrez Gene	834		
SwissProt	P29466		
Purity			
Chemical Structure	MADKVLKEKR KLFIRSMGEG TINGLLDELL QTRVLNKEEM EKVKRENATV MDKTRALIDS VIPKGAQACQ ICITYICEED SYLAGTLGLS ADQTSGNYLN MQDSQGVLS FPAPQAVQDN PAMPTSSGSE GNVKLCLEE AQRIWKQKSA EIYPIMDKSS RTRLALIICN EEFSIPRRT GAEVDITGMT MLLQNLGYSV DVKKNLASD MTTELEAFH RPEHKTSDST FL		
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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