

Recombinant Human CASP10 Protein

Catalog #	Source	Reactivity	Applications
CRP1176	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CASP10 Protein is produced by our E. coli expression system and the target gene encoding Val220-Ile480 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 25mM HEPES, 10mM DTT, pH 7.5.		
Gene Symbol	CASP10		
Alternative Names	ALPS2; apoptotic protease Mch-4; CASP-10; CASPA; caspase-10; FADD-like ICE2; FAS-associated death domain protein interleukin-1B-convert		
Entrez Gene	843 (Human)		
SwissProt	Q92851 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MVKTFLEALP QESWQNKHAG SNGNRATNGA PSLVSRGMQG ASANTLNSET STKRAAVYRM NRNHRGLCVI VNNHSFTSLK DRQGTHKDAE ILSHVFQWLG FTVHIHNNVT KVEMEMVLQK QKCNPAHADG DCFVFCILTH GRFGAVYSSD EALIPREIM SHFTALQCPR LAEKPKLFFI QACQGEEIQP SVSIEADALN PEQAPTSLQD SIPAEADFLG GLATVPGYVS FRHVEEGSWY IQSLCNHLKK LVPRHEDILS ILEHHHHHH		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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