

Recombinant Human CTRL Protein

Catalog #	Source	Reactivity	Applications
CRP1387	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CTRL Protein is produced by our Mammalian expression system and the target gene encoding Cys19-Asn264 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.		
Gene Symbol	CTRL		
Alternative Names	CTRL1; Chymotrypsin-like protease CTRL-1		
Entrez Gene	1506 (Human)		
SwissProt	P40313 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	CGIPAIPAL SFSQRIVNGE NAVLGSWPWQ VSLQDSSGFH FCGGSLISQS WVVTAHHCNV SPGRHFVVLG EYDRSSNAEP LQVLSVSRAI THPSWNSTTM NNDVTLLKLA SPAQYTRIS PVCLASSNEA LTEGLTCVTT GWGRLSGVGN VTPAHLQQVA LPLVTVNQCR QYWGSSITDS MICAGGAGAS SCQGDGGGPL VCQKGNTWVL IGIVSWGTKN CNVRAPAVYT RVSKFSTWIN QVIAYNVDDHH HHHH		
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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