

Recombinant Human CTSZ Protein

Catalog #	Source	Reactivity	Applications
CRP1401	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CTSZ Protein is produced by our Mammalian expression system and the target gene encoding Gly24-Val303 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM HAc-NaAc, 150mM NaCl, pH 4.0.		
Gene Symbol	CTSZ		
Alternative Names	Cathepsin Z; Cathepsin P; Cathepsin X		
Entrez Gene	1522 (Human)		
SwissProt	Q9UBR2 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	GLYFRRGQTC YRPLRGDGLA PLGRSTYPRP HEYLSPADLP KSWDWRNVDG VNYASITRNQ HIPQYCGSCW AHASTSAMAD RINIKRKGAW PSTLLSVQNV IDCGNAGSCE GGNDLSVWDY AHQHGIPEDET CNNYQAKDQE CDKFNQCGTC NEFKECHAIR NYTLWRVGDY GSLSGREKMM AEIYANGPIS CGIMATERLA NYTGGIYA EY QDTTYINHVV SVAGWGISDG TEYWIVRNSW GEPWGERGWL RIVTSTYKDG KGARYNLAIE EHCTFGDPIV VDHHHHHH		
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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