

## Recombinant Human CTSV Protein

Catalog #	Source	Reactivity	Applications
CRP1400	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human CTSV Protein is produced by our Mammalian expression system and the target gene encoding Val18-Val334 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM MES, 150mM NaCl, pH 5.5.		
<b>Gene Symbol</b>	CTSV		
<b>Alternative Names</b>	CATL2; CTSL2; CTSU; Cathepsin L2; Cathepsin U; Cathepsin V		
<b>Entrez Gene</b>	1515 (Human)		
<b>SwissProt</b>	O60911 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	VPKFDQNLDT KWYQWKATHR RLYGANEEGW RRAVWEKNMK MIELHNGEYS QGKHGFTMAM NAFGDMTNEE FRQMMGCFRN QKFRKGKVFR EPLFLDLPKS VDWRKKG YVT PVKNQKQCGS CWAFSATGAL EGQMFRTGK LVSLSEQNLV DCSR PQGNQG CNGGF MARAF QYVKENGGLD SEESYPYVAV DEICKYRPEN SVANDTGFTV VAPGKEKALM KAVATVGPIS VAMDAGHSSF QFYKSGIYFE PDCSSKNLDH GVLVVG YGFE GANSNNSKYW LVKNSWGPEW GSNGYVKIAK DKNNHCGIAT AASYPNVVDH HHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	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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