

Recombinant Mouse CTSL Protein

Catalog #	Source	Reactivity	Applications
CRP1398	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CTSL Protein is produced by our mammalian expression system and the target gene encoding Thr18-Asn334 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CTSL		
Alternative Names	Ctsl1; Cathepsin L1; Cathepsin L; Major excreted protein; MEP; p39 cysteine proteinase		
Entrez Gene	13039 (Mouse)		
SwissProt	P06797 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	TPKFDQTFSA EWHQWKSTHR RLYGTNEEEW RRAIWEKNMR MIQLHNGEYS NGQHGFSEMEM NAFGDMTNEE FRQVVNGYRH QKHKKGRLFQ EPLMLKIPKS VDWREKGCVT PVKNQGCQGS CWAFSASGCL EGQMFLKTGK LISLSEQNLV DCSHAQGNQG CNGGLMDFAF QYIKENGLD SEESYPYEAQ DGCKYRAEF AVANDTGFVD IPQQEKALMK AVATVGPISV AMDASHPSLQ FYSSGIYYEP NCSSKNLDHG VLLVGYGYEG TDSNKNKYWL VKNSWGSEWG MEGYIKIAKD RDNHCGLATA ASYPVVNVDH HHHHH		
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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize 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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Product Data Sheet

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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