

Recombinant Mouse CTSE Protein

Catalog #	Source	Reactivity	Applications
CRP1394	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CTSE Protein is produced by our mammalian expression system and the target gene encoding Ser60-Pro397 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	CTSE		
Alternative Names	Cathepsin E		
Entrez Gene	13034 (Mouse)		
SwissProt	P70269 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	SCNVYSSVNE PLINYLDMEY FGTISIGTPP QNFTVIFDTG SSNLWVPSVY CTSPACKAHP VFHPSQSDTY TEVGNHFSIQ YGTGSLTGII GADQVSVEGL TVDGQQFGES VKEPGQTFVN AEFDGILGLG YPSLAAGGVT PVFDNMMAQN LVALPMFSVY LSSDPQGGSG SELTFGGYDP SHFSGSLNWI PVTQAYWQI ALDGIQVGDT VMFCSEGCQA IVDTGTSLIT GPPDKIKQLQ EAIGATPIDG EYAVDCATLD TMPNVTFILN EVSYTLNPTD YILPDLVEGM QFCGSGFQGL DIPPPAGPLW ILGDVFIRQF YSVFDRGNNQ VGLAPAVPVD HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) 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 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
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

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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