

Recombinant Mouse CTSH Protein

Catalog #	Source	Reactivity	Applications
CRP1396	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CTSH Protein is produced by our mammalian expression system and the target gene encoding Glu22-Val333 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	CTSH		
Alternative Names	CPSB; Pro-cathepsin H		
Entrez Gene	13036 (Mouse)		
SwissProt	P49935 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	ELTVNAIEKF HFKSWMKQHQ KTYSSVEYNH RLQMFANNWR KIQAHNQRNH TFKMALNQFS DMSFAEIKHK FLWSEPQNCS ATKSNYLRGT GPYPSSMDWR KKGNNVSPVK NQGACASCWT FSTTGALESA VAIASGKMLS LAEQQLVDCA QAFNNHGCKG GLPSQAFEYI LYNKGIMEED SYPYIGKDSS CRFNPQKAVA FVKNVVNITL NDEAAMVEAV ALYNPVSFAP EVTEDFLMYK SGVYSSKSCH KTPDKVNHAV LAVGYGEQNG LLYWIVKNSW GSQWGGENGYF LIERGKNMCG LAACASYPIP QVVDHHHHHH		
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.		
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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