

Product Data Sheet

Recombinant Mouse Cathepsin S Protein

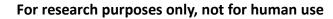
Catalog #	Source	Reactivity	Applications			
CRP2858	Human cells	Mouse	E, WB, SDS-PAGE, MS			
Description	Recon	Recombinant Mouse Cathepsin S Protein is produced by mammalian expression				
	systen	n and the target gene	e encoding Val18-Ile340 is expressed with a 6His tag at the			
	C-tern	ninus.				
Form	Lyoph	ilized from a 0.2 μ m	filtered solution of 20mM PB, 150mM NaCl, pH7.4.			
Gene Symbol	CTSS					
Alternative N	lames Cathe	Cathepsin S				
Entrez Gene	13040	13040 (Mouse)				
SwissProt	07037	O70370 (Mouse)				
Purity	Greate	er than 95% as deter	mined by reducing SDS-PAGE.			
Chemical Stru	ucture VCSVA	VCSVAMEQLQ RDPTLDYHWD LWKKTHEKEY KDKNEEEVRR LIWEKNLKFI MIHNLEYSMG				
	MHTY	QVGMND MGDMTN	EEIL CRMGALRIPR QSPKTVTFRS YSNRTLPDTV			
	DWRE	KGCVTE VKYQGSCGA	AC WAFSAVGALE GQLKLKTGKL ISLSAQNLVD CSNEEKYGNK			
	GCGG	GYMTEA FQYIIDNGG	I EADASYPYKA TDEKCHYNSK NRAATCSRYI QLPFGDEDAL			
	KEAVA	TKGPV SVGIDASHSS	FFFYKSGVYD DPSCTGNVNH GVLVVGYGTL DGKDYWLVKN			
	SWGL	NFGDQG YIRMARNN	KN HCGIASYCSY PEIVDHHHHH H			
Quality Conti	rol Endot	oxin: Less than 0.1 n	g/μg (1 IEU/μg) as determined by LAL test.			
Directions for	r Use Alway	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	recom	mended to reconstit	ute to a concentration less than 100 μg/ml. Dissolve the			
			O. Please aliquot the reconstituted solution to minimize			
		-thaw cycles.				
Storage/Stab		•	be stored at -20°C, though stable at room temperature			
5-7-10-0	, , , , , , , , , ,		, 6			

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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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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