

Product Data Sheet

Recombinant Human Cathepsin S Protein

Catalog #	Source	Reactivity	Applications
CST1902	E. coli	H	
Description	Recombinant Human Cathepsin S Protein is produced by E. coli expression system and the target gene encoding Leu115-Ile331 is expressed with N-terminus MBP & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CTSS		
Alternative Names	Cathepsin S		
Entrez Gene	1520		
SwissProt	P25774		
Purity			
Chemical Structure	LPDSVDWREK GCVTEVKYQG SCGACWAFSA VGALEAQLKL KTGKLVLSA QNLVDCSTEK YGNKGCNGGF MTTAFQYIID NKGIDSDASY PYKAMDQKCQ YDSKYRAATC SKYTELPYGR EDVLKEAVAN KGPVSVGVDA RHPSFFLYRS GVYYEPSCTQ NVNHGVLVVG YGDLNGKEYW LVKNSWGHNF GEEGYIRMAR NKGNHCGIAS FPSYPEI		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated 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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