

Product Data Sheet

Recombinant Human CTSO Protein

Catalog #	Source	Reactivity	Applications
CST1894	E. coli	H	
Description	Recombinant Human CTSO Protein is produced by E. coli expression system and the target gene encoding Val141-Glu230 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CTSO		
Alternative Names	CTSO1; Cathepsin O		
Entrez Gene	1519		
SwissProt	P43234		
Purity			
Chemical Structure	VESAYAIKGK PLEDLSVQQV IDCSYNNYGC NGGSTLNALN WLNKMQVKLV KDSEYPFKAQ NGLCHYFSGS HSGFSIKGYS AYDFSDQEDE		
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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