

Product Data Sheet

Recombinant Human ACLY Protein

Catalog #	Source	Reactivity	Applications
CST1540	E. coli	H	
Description	Recombinant Human ACLY Protein is produced by E. coli expression system and the target gene encoding Gly11-Ser260 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ACLY		
Alternative Names	ATP-citrate synthase; ATP-citrate (pro-S-)-lyase; ACL; Citrate cleavage enzyme		
Entrez Gene	47		
SwissProt	P53396		
Purity			
Chemical Structure	GKELLYKFIC TTSAIQNRFK YARVTPDTDW ARLLQDHPWL LSQNLVVKPD QLIKRRGKLG LVGVNLTLDG VKSWLKPRLG QEATVGKATG FLKNFLIEPF VPHSQAEIFY VCIYATREGD YVLFHHEGGV DVGDVDAKAQ KLLVGVDEKL NPEDIKKHLL VHAPEDKKEI LASFISGLFN FYEDLYFTYL EINPLVVTGD GVVVLDLAAK VDATADYICK VKWGDIEFPP PF		
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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