

Product Data Sheet

Recombinant Human CA5A Protein

Catalog #	Source	Reactivity	Applications
CST1744	E. coli	H	
Description	Recombinant Human CA5A Protein is produced by E. coli expression system and the target gene encoding Trp41-Asn300 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	CA5A		
Alternative Names	CA5; Carbonic anhydrase 5A, mitochondrial; Carbonate dehydratase VA; Carbonic anhydrase VA; CA-VA		
Entrez Gene	763		
SwissProt	P35218		
Purity			
Chemical Structure	WQTSNNTLHP LWTVPVSVPG GTRQSPINIQ WRDSVYDPQL KPLRVSYEAA SCLYIWNTGY LFQVEFDDAT EASGISGGPL ENHYRLKQFH FHWGAVNEGG SEHTVDGHAY PAELHLVHWN SVKYQNYKEA VVGENGLAVI GVFLKLGAAH QTLQRLVDIL PEIKHKDARA AMRPFDPSTL LPTCWDYWYTY AGSLTTPPLT ESVTWIIQKE PVEVAPSQLS AFRTLLFSAL GE		
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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