

Product Data Sheet

Recombinant Human CA5B Protein

Catalog #	Source	Reactivity	Applications
CST1140	E. coli	H	
Description	Recombinant Human CA5B Protein is produced by E. coli expression system and the target gene encoding Cys34-Pro317 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CA5B		
Alternative Names	Carbonic anhydrase 5B, mitochondrial; Carbonate dehydratase VB; Carbonic anhydrase VB; CA-VB		
Entrez Gene	11238		
SwissProt	Q9Y2D0		
Purity			
Chemical Structure	CSLYTCTYKT RNRALHPLWE SVDLVPGGDR QSPINIRWRD SVYDPGLKPL TISYDPATCL HVWNNNGYSFL VEFEDSTDKS VIKGGPLEHN YRLKQFHFHW GAIDAWGSEH TVDSKCFPAE LHLVHWNNAVR FENFEDAALE ENGLAVIGVF LKLGKHHKEL QKLVDTLPSI KHKDALVEFG SFDPSCLMPT CPDYWTYSGS LTTPPLSESV TWIKKQPVE VDHDQLEQFR TL		
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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