

Product Data Sheet

Recombinant Human CA12 Protein

Catalog #	Source	Reactivity	Applications
CST1759	E. coli	H	
Description	Recombinant Human CA12 Protein is produced by E. coli expression system and the target gene encoding Lys31-Phe280 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CA12		
Alternative Names	Carbonic anhydrase 12; Carbonate dehydratase XII; Carbonic anhydrase XII; CA-XII; Tumor antigen HOM-RCC-3.1.3		
Entrez Gene	771		
SwissProt	O43570		
Purity			
Chemical Structure	KWTFYFGPDGE NSWSKKYPSC GGLLQSPIDL HSDILQYDAS LTPLEFQGYN LSANKQFLLT NNGHSVKLNL PSDMHIQGLQ SRYATQLHL HWGNPNDPHG SEHTVSGQHF AAELHIVHYN SDLYPDASTA SNKSEGLAVL AVLIEMGSFN PSYDKIFSHL QHVYKYGQEA FVPGFNIEEL LPERTAEYYR YRGLTTPPC NPTVLWTVFR NPVQISQEQ LLALETALYCT HM		
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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