

Product Data Sheet

Recombinant Human CA14 Protein

Catalog #	Source	Reactivity	Applications
CST1636	E. coli	H	
Description	Recombinant Human CA14 Protein is produced by E. coli expression system and the target gene encoding His21-Met290 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	CA14		
Alternative Names	Carbonic anhydrase 14; Carbonate dehydratase XIV; Carbonic anhydrase XIV; CA-XIV		
Entrez Gene	23632		
SwissProt	Q9ULX7		
Purity			
Chemical Structure	HWTYEGPHGQ DHWPASYPEC GNNAQSPIDI QTDSVTDFPD LPALQPHGYD QPGTEPLDLH NNGHTVQLSL PSTLYLGGLP RKYVAAQLHL HWGQKGSPGG SEHQINSEAT FAELHIVHYD SDSYDSLSEA AERPQGLAVL GILIEVGETK NIAYEHILSH LHEVRHKDQK TSVPPFNLRE LLPKQLGQYF RYNGSLTTPP CYQSVLWTVF YRRSQISMEQ LEKLQGTLLS TE		
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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