

Product Data Sheet

Recombinant Mouse CA14 Protein

Catalog #	Source	Reactivity	Applications
CRP1156	E. coli	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse CA14 Protein is produced by our E. coli expression system and the target gene encoding Ala16-Met290 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μ M filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
Gene Symbol	CA14		
Alternative Names	Carbonic anhydrase 14; Carbonate dehydratase XIV; Carbonic anhydrase XIV; CA-XIV		
Entrez Gene	23831 (Mouse)		
SwissProt	Q9WVT6 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MNHKVHHHHH HMADGGHHWT YEGPHGQDHW PTSYPECGGD AQSPINIQTD SVIFDPDLPA VQPHGYDQLG TEPLDLHNNG HTVQLSLPPT LHLGGLPRKY TAAQLHLHWG QRGSLEGSEH QINSEATAAE LHVVHYDSQS YSSLSEAAQK PQGLAVLGIL IEVGETENPA YDHILSRLEH IRYKDQKTSV PPFSVRELFQ QQLEQFFRYN GSLTTPPCYQ SVLWTVFNRR AQISMGQLEK LQETLSSTEE DPSEPLVQNY RVPQPLNQRT IFASFIQAGP LYTTGEM		
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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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