

Recombinant Human CA8 Protein

Catalog #	Source	Reactivity	Applications
CRP1161	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CA8 Protein is produced by our E.coli expression system and the target gene encoding Ala2-Gln290 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 500mM NaCl, 1mM DTT, pH 8.5.		
Gene Symbol	CA8		
Alternative Names	CAL5; Carbonic anhydrase-related protein; CARP; Carbonic anhydrase VIII; CA-VIII		
Entrez Gene	767 (Human)		
SwissProt	P35219 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MADLSFIEDT VAFPEKEEDE EEEEEGVWVG YEEGVWGLV FPDANGEYQS PINLNSREAR YDPSLLDVRL SPNYVVCVDC EVTNDGHTIQ VILKSKSVLS GGPLPQGHEF ELYEVRFHGW RENQRGSEHT VNFKAFPMEL HLIHWNSTLF GSIDEAVGKP HGIAIIALFV QIGKEHVGLK AVTEILQDIQ YKGKSKTIPC FNPNTLLPDP LLRDYWVYEG SLTIPPCSEG VTWILFRYPL TISQLQIEEF RRLRTHVKGA ELVEGCDGIL GDNFRPTQPL SDRVIRAAFQ LEHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) 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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