

Product Data Sheet

Recombinant Human CA5B Protein

Catalog #	Source	Reactivity	Applications
CRP1159	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CA5B Protein is produced by our E.coli expression system and the target gene encoding Cys34-Pro317 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.0.		
Gene Symbol	CA5B		
Alternative Names	Carbonic anhydrase 5B, mitochondrial; Carbonate dehydratase VB; Carbonic anhydrase VB; CA-VB		
Entrez Gene	11238 (Human)		
SwissProt	Q9Y2D0 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MCSLYTCTYK TRNRALHPLW ESVDLVPGGD RQSPINIRWR DSVYDPGLKP LTISYDPATC LHVWNNNGYSF LVEFEDSTDK SVIKGGPLEH NYRLKQFHFH WGAIDAWGSE HTVDSKCFPA ELHLVHWNNAV RFENFEDAAL EENGLAVIGV FLKLGKHHKE LQKLVDTLPS IKHKDALVEF GSFDPSCCLMP TCPDYWTYSG SLTTPPLSES VTWIIKKQPV EVDHDQLEQF RTLLFTSEGE KEKRMVDNFR PLQPLMNRTV RSSFRHDYVL NVQAKPKPAT SQATPLEHHH HHH		
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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com