



Recombinant Human Carbonic anhydrase 6 (CA6)

Product Code	CSB-YP004377HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23280
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QHV SDWTYSEGal DEAHWPQHYP ACGGQRQSPI NLQRtkvRYN PSLKGLNMTG YETQAGEFPM VNNGHTVQIS LPSTMRMTVA DGTvYIAQQM HFHWGGASSE ISGSEHTVDG IRHVIEIHIV HYNskyKsYD IAQDAPDGLA VLAafVEVKN YPENTYYSNF ISHLANIKYP GQRTTLTGLD VQDMLPRNLQ HYYTYHGSLT TPPCTENVHW FVLADfVKLS RTQvWKLENS LLDHRNkTIH NDYRRTQPLN HRVVESNFpN QEYTLGSEfQ FYLHKIEEIL DYLRRALN
Source	Yeast
Target Names	CA6
Protein Names	Recommended name: Carbonic anhydrase 6 EC= 4.2.1.1 Alternative name(s): Carbonate dehydratase VI Carbonic anhydrase VI Short name= CA-VI Salivary carbonic anhydrase Secreted carbonic anhydrase
Expression Region	18-308
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is one of several isozymes of carbonic anhydrase. This protein is found only in salivary glands and saliva and protein may play a role in the reversible hydration of carbon dioxide though its function in saliva is unknown.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.