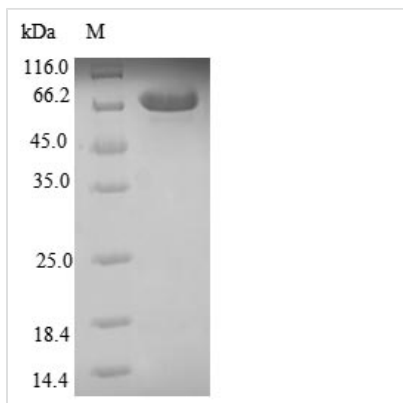


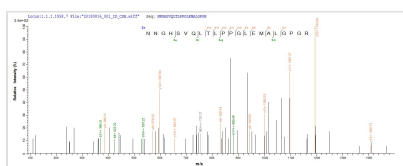


# Recombinant Human Carbonic anhydrase 9 (CA9), partial

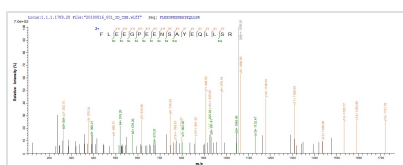
<b>Product Code</b>	CSB-EP614990HUc0
<b>Relevance</b>	Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.
<b>Abbreviation</b>	Recombinant Human CA9 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q16790
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	DLPSEEDSPREEDPPGEEDLPGCEEDLPGCEEDLPEVKPKSEEEGSLKLEDLPTV EAPGDPQEPQNNHRDKEGDDQSHWRYGGDPPWPRVSPACAGRFQSPVDI RPQLAAFCPALRPLELLGFQLPPLPELRLRNNGHSVQLTLPPGLEMALGPGRE YRALQLHLHWGAAGRPGSEHTVEGHRFPAEIHVVHLSTAFARVDEALGRPGG LAVLAAFLEEGPEENSAYEQLLSRLEEIAEEGSETQVPGGLDISALLPSDFSRYP QYEGSLTTPCAQGVIVTVFNQTVMLSAKQLHTLSDTLWGP GDSRLQLNFRA TQPLNGRVIEASFPAGVDSSPR
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Target Names</b>	CA9
<b>Protein Names</b>	Carbonate dehydratase IXCarbonic anhydrase IX ;CA-IX ;CAIXMembrane antigen MNP54/58NRenal cell carcinoma-associated antigen G250 ;R;CC-associated antigen G250pMW1
<b>Expression Region</b>	64-399aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-GST-tagged
<b>Mol. Weight</b>	66.8 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP614990HUc0 could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) CA9.



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## 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

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