

## Recombinant Human CA9 protein, His-GST-tagged

Cat. No. CA9-4387H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CA9 protein(Q16790)(64-399aa), fused to N-terminal His-GST tag, was expressed in E. coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	64-399aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	66.8 kDa
<b>AA Sequence</b>	DLPSEEDSPREEDPPGEEDLPGCEEDLPGCEEDLPEVKPKSEEEGSLKLEDLPTVEAP GDPQEPQNNHRDKEGDDQSHWRYGGDPPWPRVSPACAGRFQSPVDIRPQLAAF CPALRPLELLGFQLPPLPELRLRNNGHSVQLTLPGLMALGPGREYRALQLHLHW GAAGRPGSEHTVEGHRFP AEIHVVHLSTAFARVDEALGRPGLAVLA AFLEEGPEE NSAYEQLLSRLEEIAEEGSETQVPGLDISALLPSDFSRYFQYEGSLTTPPCAQQGVIWT VFNQTVMLSAKQLHTLSDTLWGP GDSRLQLNFRATQPLNGRVIEASFPAGVDSSPR
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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%.

## GENE INFORMATION

**Gene Name** CA9 carbonic anhydrase IX [ Homo sapiens ]

**Official Symbol** CA9

**Synonyms** CA9; carbonic anhydrase IX; carbonic anhydrase 9; CAIX; carbonic dehydratase; MN; RCC associated protein G250; pMW1; CA-IX; P54/58N; membrane antigen MN; carbonate dehydratase IX; RCC-associated antigen G250; RCC-associated protein G250; renal cell carcinoma-associated antigen G250;

**Gene ID** 768

**mRNA Refseq** NM\_001216

**Protein Refseq** NP\_001207

**MIM** 603179

**UniProt ID** Q16790

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