

## Active Recombinant Human CA13 protein, His-tagged

Cat. No. CA13-10616H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human CA13 protein(NP_940986.1) (Met 1-His 262) was expressed in E. coli, with a polyhistide tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-262 aa
<b>Form</b>	Lyophilized from sterile 20mM Tris, 0.5M NaCl, pH 8.0.
<b>Bio-activity</b>	Measured by its esterase activity. The specific activity is >7 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant human CA13 consisting of 268 amino acids and has a calculated molecular mass of 30.3 kDa. It migrates as an approximately 32 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

## GENE INFORMATION

**Gene Name** CA13 carbonic anhydrase XIII [ Homo sapiens ]

**Official Symbol** CA13

**Synonyms** CA13; carbonic anhydrase XIII; carbonic anhydrase 13; CAXIII; FLJ37995; MGC59868; CA-XIII; carbonate dehydratase XIII; FLJ36434;

**Gene ID** 377677

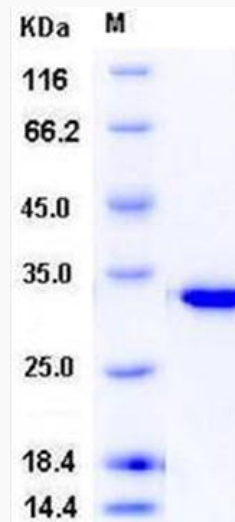
**mRNA Refseq** NM\_198584

**Protein Refseq** NP\_940986

**MIM** 611436

**UniProt ID** Q8N1Q1

### 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