

## Recombinant Human CA6

**Cat. No.** CA6-26443TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human CA6 with a N terminal proprietary tag; Predicted MWt 36.63 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	100 amino acids
<b>Description</b>	The protein encoded by this gene 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.
<b>Molecular Weight</b>	36.630kDa inclusive of tags
<b>Tissue specificity</b>	Major constituent of saliva.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

**Sequences of amino acids** LQHYYTYHGSLTTPPCTENVHWFVLADFVKLSRTQVWKLENSLLDHRNKTIHNDYR  
RTQPLNHRVVESNFPNQEYTLGSEFQFYLHKIEEILDYLRALN

**Sequence Similarities** Belongs to the alpha-carbonic anhydrase family.

## GENE INFORMATION

**Gene Name** CA6 carbonic anhydrase VI [ Homo sapiens ]

**Official Symbol** CA6

**Synonyms** CA6; carbonic anhydrase VI; carbonic anhydrase 6;

**Gene ID** 765

**mRNA Refseq** NM\_001215

**Protein Refseq** NP\_001206

**MIM** 114780

**Uniprot ID** P23280

**Chromosome Location** 1p36.2

**Pathway** Nitrogen metabolism, organism-specific biosystem; Nitrogen metabolism, conserved biosystem;

**Function** carbonate dehydratase activity; lyase activity; metal ion binding; zinc ion binding;

 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