

Recombinant Human CA6

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

SPECIFICATION

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

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Sequences of amino acids LQHYYTYHGSLTTPPCTENVHWFVLADFVKLSRTQVWKLENSLLDHRNKTIHNDYR
RTQPLNHRVVESNFPNQEYTLGSEFQFYLHKIEEILDYLRRLN

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;

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