

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;