

## Active Recombinant Human CA6, His-tagged

**Cat. No.** CA6-527H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CA6 (Accession # EAW71606) Gln18-Asn308, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	18-308 a.a.
<b>Predicted N Terminal</b>	No results obtained: Gln18 predicted
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris, NaCl, Brij and Glycerol.
<b>Bio-activity</b>	Measured by its esterase activity. The specific activity is >3 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human CA6, His-tagged has a calculated MW of 35 kDa. In SDS-PAGE migrates as 42 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	CA6 carbonic anhydrase VI [ Homo sapiens ]
<b>Official Symbol</b>	CA6
<b>Synonyms</b>	CA6; carbonic anhydrase VI; carbonic anhydrase 6; carbonate dehydratase VI; salivary carbonic anhydrase; secreted carbonic anhydrase; CA-VI; GUSTIN; MGC21256;
<b>Gene ID</b>	765
<b>mRNA Refseq</b>	NM_001215
<b>Protein Refseq</b>	NP_001206
<b>MIM</b>	114780
<b>UniProt ID</b>	P23280
<b>Chromosome Location</b>	1p36.2

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