

Active Recombinant Human CA6, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CA6 (Accession # EAW71606) Gln18-Asn308, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	18-308 a.a.
Predicted N Terminal	No results obtained: Gln18 predicted
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl, Brij and Glycerol.
Bio-activity	Measured by its esterase activity. The specific activity is >3 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human CA6, His-tagged has a calculated MW of 35 kDa. In SDS-PAGE migrates as 42 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

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

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