Recombinant Human CA6 Protein, His&GST-tagged

Cat. No. CA6-350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA6 Protein (Gln18-Asn308) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln18-Asn308
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 hydratation of carbon dioxide though its function in saliva is unknown.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.8 kDa Accurate Molecular Mass: 66 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

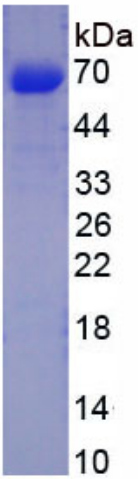
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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CA6 carbonic anhydrase VI [Homo sapiens (human)]
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

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