

# Product datasheet for TP314135

### CA6 (NM\_001215) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins** Recombinant protein of human carbonic anhydrase VI (CA6), 20 µg **Description:** Species: Human HEK293T **Expression Host:** Expression cDNA Clone >RC214135 representing NM\_001215 or AA Sequence: Red=Cloning site Green=Tags(s) MRALVLLLSLFLLGGQAQHVSDWTYSEGALDEAHWPQHYPACGGQRQSPINLQRTKVRYNPSLKGLNMTG YETQAGEFPMVNNGHTVQISLPSTMRMTVADGTVYIAQQMHFHWGGASSEISGSEHTVDGIRHVIEIHIV HYNSKYKSYDIAQDAPDGLAVLAAFVEVKNYPENTYYSNFISHLANIKYPGQRTTLTGLDVQDMLPRNLQ HYYTYHGSLTTPPCTENVHWFVLADFVKLSRTQVWKLENSLLDHRNKTIHNDYRRTQPLNHRVVESNFPN QEYTLGSEFQFYLHKIEEILDYLRRALN **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** C-Myc/DDK Tag: Predicted MW: 33.5 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Recombinant protein was captured through anti-DDK affinity column followed by conventional **Preparation:** chromatography steps. Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. RefSeq: NP 001206 765 Locus ID:



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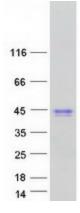
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### OriGene Technologies, Inc.

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	CA6 (NM_001215) Human Recombinant Protein – TP314135
UniProt ID:	<u>P23280, B4DUH8</u>
RefSeq Size:	1339
Cytogenetics:	1p36.23
RefSeq ORF:	924
Synonyms:	CA-VI; GUSTIN
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families	: Druggable Genome, Secreted Protein
Protein Pathway	vs: Nitrogen metabolism

## **Product images:**



Coomassie blue staining of purified CA6 protein (Cat# TP314135). The protein was produced from HEK293T cells transfected with CA6 cDNA clone (Cat# [RC214135]) using MegaTran 2.0 (Cat# [TT210002]).

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