

## **Product datasheet for TP314135L**

#### OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human carbonic anhydrase VI (CA6), 1 mg

Species: Human Expression Host: HEK293T

**Expression cDNA Clone** >RC214135 representing NM\_001215 or AA Sequence: Red=Cloning site Green=Tags(s)

MRALVLLLSLFLLGGQAQHVSDWTYSEGALDEAHWPQHYPACGGQRQSPINLQRTKVRYNPSLKGLNMTG YETQAGEFPMVNNGHTVQISLPSTMRMTVADGTVYIAQQMHFHWGGASSEISGSEHTVDGIRHVIEIHIV HYNSKYKSYDIAQDAPDGLAVLAAFVEVKNYPENTYYSNFISHLANIKYPGQRTTLTGLDVQDMLPRNLQ HYYTYHGSLTTPPCTENVHWFVLADFVKLSRTQVWKLENSLLDHRNKTIHNDYRRTQPLNHRVVESNFPN

**QEYTLGSEFQFYLHKIEEILDYLRRALN** 

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
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

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

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.

Storage: Store at -80°C.

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

Locus ID: 765



#### CA6 (NM\_001215) Human Recombinant Protein - TP314135L

**UniProt ID:** <u>P23280</u>, <u>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

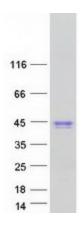
hydratation of carbon dioxide though its function in saliva is unknown. [provided by RefSeq, Jul

2008]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** 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