

## Product datasheet for **TP314135L**

### 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 or AA Sequence:	>RC214135 representing NM_001215 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRALVLLLSLFLGGQAQHVSDWTYSEGALDEAHWPQHYPACGGQRQSPINLQRTKVRYNPSLKGLNMTG  
YETQAGEFPMVNNNGHTVQISLPSTMRMTVADGTVYIAQQMHHFWGGASSEISGSEHTVDGIRHVIEIHV  
HYNSKYKSYDIAQDAPDGLAVLAAFVEVKNYPTYYSNFISHLANIKYPGQRTTLTGLDVQDMLPRNLQ  
HYTYHGLSTTPCTENVHWFVLADFVKLSRTQVWKLNSLLDHRNKTIHNDYRRTQPLNHRVSNFPN  
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:	<u><a href="#">NP_001206</a></u>
Locus ID:	765



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UniProt ID: [P23280](#), [B4DUH8](#)

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 hydration 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 (Cat# [TT210002]).