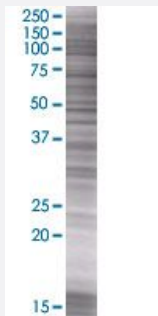


# CA10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056934-T01

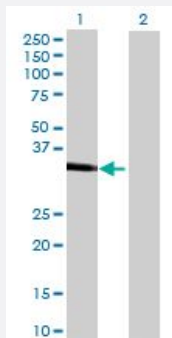
Size 100 uL

## Applications



### SDS-PAGE Gel

CA10 transfected lysate.



### Western Blot

Lane 1: CA10 transfected lysate ( 36.19 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-CA10 full-length
Host	Human
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (100)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-CA10 antibody ([H00056934-B01](#)) by Western Blots.  
SDS-PAGE Gel  
CA10 transfected lysate.  
Western Blot  
Lane 1: CA10 transfected lysate ( 36.19 KDa)  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — CA10

**Entrez GeneID**[56934](#)**GeneBank Accession#**[NM\\_020178.3](#)**Protein Accession#**[NP\\_064563.1](#)**Gene Name**

CA10

**Gene Alias**

CA-RPX, CARPX, HUCEP-15

**Gene Description**

carbonic anhydrase X

**Omim ID**[604642](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations**

carbonic anhydrase-related protein 10|carbonic anhydrase-related protein X|cerebral protein-15

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)