OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP727113

Carbonic anhydrase X (CA10) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Carbonic Anhydrase 10/CA10 (N-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala21-Asn300
Tag:	N-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 25mM Tris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Human Carbonic Anhydrase-Related Protein 10/CA10 is produced by our E.coli expression system and the target gene encoding Ala21-Asn300 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	56934
UniProt ID:	Q9NS85
Synonyms:	Carbonic Anhydrase-Related Protein 10; Carbonic Anhydrase-Related Protein X; CA-RP X; CARP X; Cerebral Protein 15; CA10; hucep-15; UNQ533/PRO1076
Summary:	Carbonic Anhydrase-Related Protein 10 (CA10) protein belongs to the carbonic anhydrase family of zinc metalloenzymes. It is an acatalytic member of the alpha-carbonic anhydrase subgroup. CA10 expression is detected in the adult total brain and in almost all parts of the central nervous system, but it is not expressed in the fetal brain. CA10 catalyze the reversible hydration of carbon dioxide in various biological processes, which is fundamental to many processes such as respiration, renal tubular acidification and bone resorption. CA10 is thought to play a role in the central nervous system, especially in brain development.
Protein Families:	Druggable Genome

View online »