

Recombinant Human Carbonic Anhydrase 10/CA10 Protein(N-6His)

Cat.NO.: TP05512

3th Edition

Synonyms:Carbonic Anhydrase-Related Protein 10; Carbonic Anhydrase-Related Protein X; CA-RP X; CARP X; Cerebral Protein 15; CA10; hucep-15; UNQ533/PRO1076

Description: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.

Form:PBS

Molecular Weight:33.0 kDa

Sequences:Ala21-Asn300

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.