

## 32-9314: Recombinant Human Carbonic Anhydrase-Related Protein 11/CA11 (C-6His)

**Alternative Name :** Carbonic Anhydrase-Related Protein 11, CA-RP XI, CA-XI, CARP XI, Carbonic Anhydrase-Related Protein 2, CA-RP II, CARP-2, CA11, CARP2

### Description

Source : Human Cells;

Carbonic Anhydrase-Related Protein 11 (CA11) is a secreted protein member of the -Alpha-carbonic anhydrase family. Carbonic Anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. CA11 is expressed abundantly in the brain with moderate expression also present in spinal cord and thyroid. CA11 may play a general role in the central nervous system.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

**Amino Acid :** Recombinant Human Carbonic Anhydrase 11 is produced by our Mammalian expression system and the target gene encoding His24-Arg328 is expressed with a 6His tag at the C-terminus.