

Carbonic Anhydrase-Related 11/CA11 Recombinant Protein | CA11 recombinant protein

Recombinant Human CA11 Protein (His Tag)

CATALOG #
AAA174008

HOST
Human Cells

PRODUCT SYNONYMS

Carbonic Anhydrase-Related 11/CA11; Recombinant Human CA11 Protein (His Tag); Carbonic Anhydrase-Related Protein 11; CA-RP XI; CA-XI; CARP XI; Carbonic Anhydrase-Related Protein 2; CA-RP II; CARP-2; CA11; CARP2; CA11 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Concentration	0.54mg/mL. (varies by lot)
Sequence Positions	His24-Arg328
Sequence Length	328
Species	Human
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Fusion Tag	C-6His
Preparation and Storage	Store: Store at < -20 degree C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at <-20°C.

ADDITIONAL INFORMATION

Related Product Information for CA11 recombinant protein

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9951923
NCBI GeneID	770
NCBI Accession #	NP_001208.2
NCBI GenBank Nucleotide #	NM_001217.4
UniProt Accession #	O75493 ; O60596 ; Q6FHI1 ; Q9UEC4
Molecular Weight	Molecular Mass: 35.1 kDa Actual Protein Molecular Mass: 38 kDa

NCBI Official Full Name	carbonic anhydrase-related protein 11
NCBI Official Synonym Full Names	carbonic anhydrase 11
NCBI Official Symbol	CA11
NCBI Official Synonym Symbols	CA-RP; CA-XI; CARP-2; CARPX1; CA-RP II
NCBI Protein Information	carbonic anhydrase-related protein 11
UniProt Protein Name	Carbonic anhydrase-related protein 11
UniProt Gene Name	CA11
UniProt Synonym Gene Names	CARP2; CA-XI; CARP XI; CA-RP II; CARP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ca11-recombinant-protein-human-cells/174008>