

CA10 recombinant protein

Recombinant Human CA10 Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263185	Human cells	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

CA10; Recombinant Human CA10 Protein; Carbonic anhydrase-related protein 10; Carbonic anhydrase-related protein X; CA-RP X; CARP X; Cerebral protein 15; CA10 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Sequence	QQNSPKIHEG WWAYKEVVQG SFVPVPSFWG LVNSAWNLCS VGKRQSPVNI ETSHMIFDPF LTPLRINTGG RKVSGTMYNT GRHVSRLRDK EHLVNISGGP MTYSHRLEEI RLHFGSEDSQ GSEHLLNGQA FSGEVQLIHY NHELYTNVTE AAKSPNGLVV VSIFIKVSDS SNPFLNRMLN RDTITRITYK NDAYLLQGLN IEELYPETSS FITYDGSM TI PPCYETASWI IMNKPVIYTR MQMHSLRLLS QNQPSQIFLS MSDNFRPVQP LNNRCIRTNV DHHHHHH
Sequence Length	328
Applicable Applications for CA10 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for CA10 recombinant protein	Recombinant Human CA10 Protein is produced by our mammalian expression system and the target gene encoding Gln22-Asn300 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130979679
NCBI GeneID	56934
NCBI Accession #	NP_001076002.1
NCBI GenBank Nucleotide #	NM_001082533.1
UniProt Accession #	Q9NS85 ; B2R7J0 ; B4DGL6
NCBI Official Full Name	carbonic anhydrase-related protein 10

NCBI Official Synonym Full Names	carbonic anhydrase 10
NCBI Official Symbol	CA10
NCBI Official Synonym Symbols	CARPX; CA-RPX; HUCEP-15
NCBI Protein Information	carbonic anhydrase-related protein 10
UniProt Protein Name	Carbonic anhydrase-related protein 10
UniProt Gene Name	CA10
UniProt Synonym Gene Names	CA-RP X; CARP X
UniProt Entry Name	CAH10_HUMAN

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/ca10-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263185>