

Carbonic anhydrase 12 Recombinant Protein | CA12 recombinant protein

Recombinant Human Carbonic anhydrase 12

CATALOG # AAA114747	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

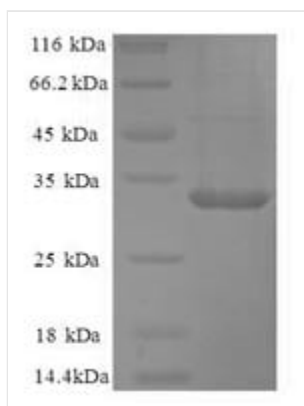
PRODUCT SYNONYMS

Carbonic anhydrase 12; Recombinant Human Carbonic anhydrase 12; Carbonate dehydratase XII; Carbonic anhydrase XII; CA-XII; Tumor antigen HOM-R; CC-3.1.3; CA12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-301aa; Extracellular Domain
Sequence	APVNGSKWTY FGPDGENSWS KKYPSCGGLL QSPIDLHSDI LQYDASLTPL EFQGYNLSAN KQFLLTNNGH SVKLNLPSDM HIQGLQSRYS ATQLHLHWGN PNDPHGSEHT VSGQHFAAEL HIVHYNSDLY PDASTASNKS EGLAVLAVLI EMGSFNPSYD KIFSHLQHVK YKGQEAFFPG FNIEELLPER TAEYYRYRGS LTTPPCNPTV LWTVFRNPVQ ISQEQLLALE TALYCTHMDD PSPREMINNF RQVQKFDERL VYTSFSQVQV CTAAGLS
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CA12 recombinant protein	Reversible hydration of carbon dioxide.
--	---

Product Categories/Family for CA12 recombinant protein	Cancer
References	Human carbonic anhydrase XII cDNA cloning, expression, and chromosomal localization of a carbonic anhydrase gene that is overexpressed in some renal cell cancers.Tuereci O., Sahin U., Vollmar E., Siemer S., Goettert E., Seitz G., Parkkila A.-K., Shah G.N., Grubb J.H., Pfreundschuh M., Sly W.S.Proc. Natl. Acad. Sci. U.S.A. 95:7608-7613(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502515
NCBI GeneID	771
NCBI Accession #	NP_001209.1
NCBI GenBank Nucleotide #	NM_001218.4
UniProt Accession #	O43570; Q53YE5; Q9BWG2; B2RE24
Molecular Weight	33.1 kDa
NCBI Official Full Name	carbonic anhydrase 12 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase XII
NCBI Official Symbol	CA12
NCBI Official Synonym Symbols	CAXII; HsT18816
NCBI Protein Information	carbonic anhydrase 12
UniProt Protein Name	Carbonic anhydrase 12
UniProt Gene Name	CA12
UniProt Synonym Gene Names	CA-XII
UniProt Entry Name	CAH12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ca12-recombinant-protein-e-coli/114747>