

CA14 recombinant protein

Recombinant Human CA14 Protein

CATALOG # AAA263186	HOST E Coli	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

CA14; Recombinant Human CA14 Protein; Carbonic anhydrase 14; Carbonate dehydratase XIV; Carbonic anhydrase XIV; CA-XIV; CA14 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 µM filtered solution of 20mM Tris, 150mM NaCl, 10% Glycerol, pH 8.0.
Sequence	MNHKVVHHHH HMGQHWTYEG PHGQDHPAS YPECGNNAQS PIDIQTDSVT FDPDLPALQP HGYPDQPGTEP LDLHNNGHTV QLSLPSTLYL GGLPRKYVAA QLHLHWGQKG SPGGSEHQIN SEATFAELHI VHYDSDSYDS LSEAAERPQG LAVLGILIEV GETKNIAYEH ILSHLHEVRH KDQKTSVPPF NLRELLPKQL GQYFRYNGSL TTPPCYQSVL WTVFYRRSQI SMEQLEKLQG TLFSTEEEPS KLLVQNYRAL QPLNQRMVFA SFIQAGSSYT TGEMVDLQSR
Sequence Length	337
Applicable Applications for CA14 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 CA14 recombinant protein	Recombinant Human CA14 Protein is produced by our E Coli expression system and the target gene encoding Gly19-Met290 is expressed with a 6His tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912284
NCBI GeneID	23632
NCBI Accession #	NP_036245.1
NCBI GenBank Nucleotide #	NM_012113.2
UniProt Accession #	Q9ULX7 ; Q5TB24 ; Q8NCF4
NCBI Official Full Name	carbonic anhydrase 14
NCBI Official Synonym Full Names	carbonic anhydrase 14

NCBI Official Symbol	CA14
NCBI Official Synonym Symbols	CAXiV
NCBI Protein Information	carbonic anhydrase 14
UniProt Protein Name	Carbonic anhydrase 14
UniProt Gene Name	CA14
UniProt Synonym Gene Names	CA-XIV
UniProt Entry Name	CAH14_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/ca14-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263186>