

Recombinant Human CA14 protein, His-tagged

Cat. No. CA14-262H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA14 protein(NP_036245.1) (Met 1-Met 290) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-290 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CA14 consisting of 286 amino acids and has a calculated molecular mass of 32.3 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 45-48 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

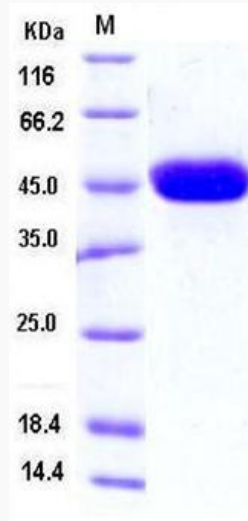
Gene Name	CA14 carbonic anhydrase XIV [Homo sapiens]
Official Symbol	CA14
Synonyms	CA14; carbonic anhydrase XIV; carbonic anhydrase 14; CA-XIV; carbonic dehydratase; carbonate dehydratase XIV; CAXiV;
Gene ID	23632
mRNA Refseq	NM_012113
Protein Refseq	NP_036245
MIM	604832
UniProt ID	Q9ULX7

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SDS-PAGE



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