

Active Recombinant Human CA14 protein, hFc-tagged

Cat. No. CA14-1957H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CA14 protein(Q9ULX7)(Ala16-Met290) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	16-290 aa
Form	Supplied as 0.22 µm filtered solution in 20mM Tris, 150mM NaCl (pH 7.5).
Bio-activity	Measured by its esterase activity. The specific activity is >100 pmol/min/g.
Molecular Mass	The protein has a predicted MW of 56.76 kDa. Due to glycosylation, the protein migrates to 65-85 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire

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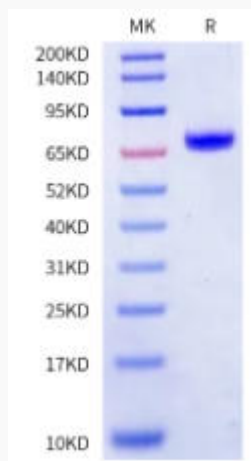
 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Bis-Tris PAGE



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