

Recombinant Human CA3 protein, His-tagged

Cat. No. CA3-10620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA3 protein(NP_005172.1) (Met 1-Lys 260) was expressed in E. coli, with a polyhistidine tag at the C-terminus.
Species	Human
Source	E. coli
ProteinLength	1-260 aa
Form	Lyophilized from sterile 50mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.
Bio-activity	Measured by its esterase activity. The specific activity is >5 pmoles/min/μg.
Molecular Mass	The recombinant human CA3 consisting of 266 amino acids and has a calculated molecular mass of 30.4 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 95 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name CA3 carbonic anhydrase III, muscle specific [Homo sapiens]

Official Symbol CA3

Synonyms CA3; carbonic anhydrase III, muscle specific; carbonic anhydrase 3; CAIII; Car3; CA-III; carbonate dehydratase III; FLJ36434;

Gene ID 761

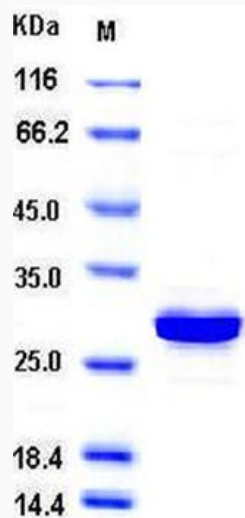
mRNA Refseq NM_005181

Protein Refseq NP_005172

MIM 114750

UniProt ID P07451

SDS-PAGE



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