

Active Recombinant Human CA9 Protein, His-tagged

Cat. No. CA9-255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CA9 Protein(Q16790) is produced by our Mammalian expression system and the target gene encoding Gln38-Asp414 is expressed with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	38-414 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Immobilized Recombinant Human Carbonic Anhydrase 9 (C-6His) at 1µg/ml (100 µl/well) can bind Anti-Human Carbonic Anhydrase 9 Antibody. The ED50 of Anti-Human Carbonic Anhydrase 9 Antibody is 4.94 ng/ml.
Molecular Mass	42 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. 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.

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Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [CA9 carbonic anhydrase IX \[Homo sapiens \]](#)

Official Symbol [CA9](#)

Synonyms

CA9; carbonic anhydrase IX; carbonic anhydrase 9; CAIX; carbonic dehydratase; MN; RCC associated protein G250; pMW1; CA-IX; P54/58N; membrane antigen MN; carbonate dehydratase IX; RCC-associated antigen G250; RCC-associated protein G250; renal cell carcinoma-associated antigen G250;

Gene ID [768](#)

mRNA Refseq [NM_001216](#)

Protein Refseq [NP_001207](#)

MIM [603179](#)

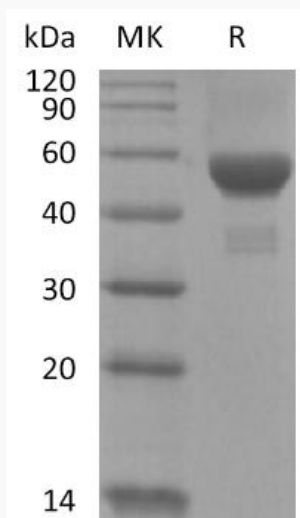
UniProt ID [Q16790](#)

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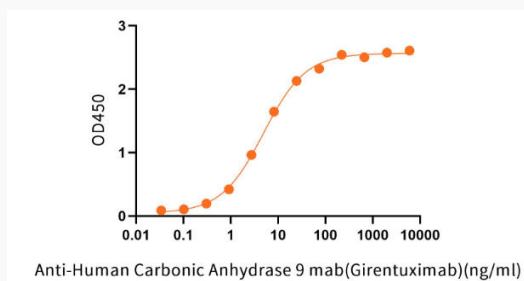
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SDS-PAGE



ELISA Data



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