

Active Recombinant Human CA9 protein, hFc-tagged

Cat. No. CA9-890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CA9 protein(Q16790)(Gln38-Asp414) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	38-414 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CA9, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CA9 Antibody, hFc Tag with the EC50 of 7.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 66.91 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

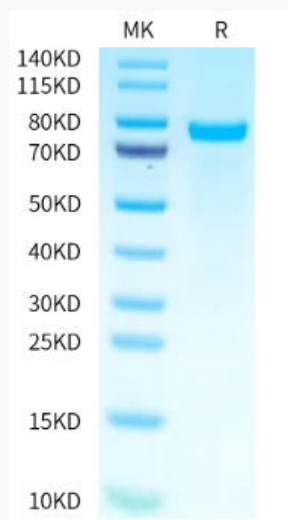
UniProt ID [Q16790](#)

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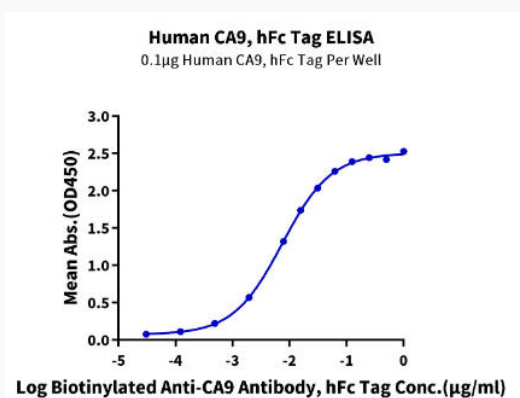
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Bis-Tris PAGE



ELISA Data



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