

Active Recombinant Human CA9 protein, hFc-tagged

Cat. No. CA9-496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA9 protein(Q16790)(Gln138-Asp414), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln138-Asp414
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	When Recombinant Human CA9/ hFC Protein is immobilized at 2µg/mL (100 µL/well), the concentration of Anti-Human Carbonic anhydrase IX [Girentuximab Biosimilar] that produces 50% of the optimal binding response is approximately 19 ng/mL.
Molecular Mass	The protein has a calculated MW of 56kDa. The reducing (R) heterodimer protein migrates as 50-70 kDa due to glycosylation
Endotoxin	<1EU/mg
Purity	SDS-PAGE>95%SEC>95%
Storage	Store at -20°C.
Reconstitution	sterile H ₂ O

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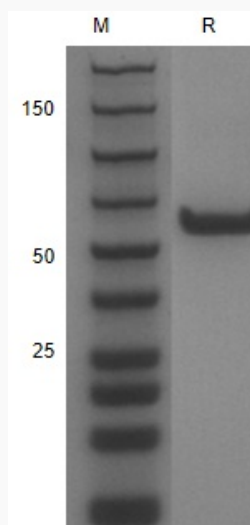
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GENE INFORMATION

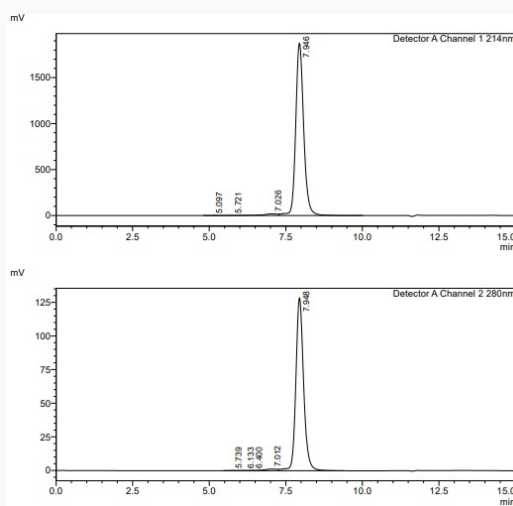
Gene Name	CA9 carbonic anhydrase IX [Homo sapiens]
Official Symbol	CA9
Synonyms	CA9; carbonic anhydrase IX; carbonic anhydrase 9; CAIX; carbonic dehydratase; MN; RCC associated protein G250; pMW1; CA-IX; P54/58N; membrane antigen MN; carbonate dehydratase IX; RCC-associated antigen G250; RCC-associated 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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SDS-PAGE



SDS-HPLC

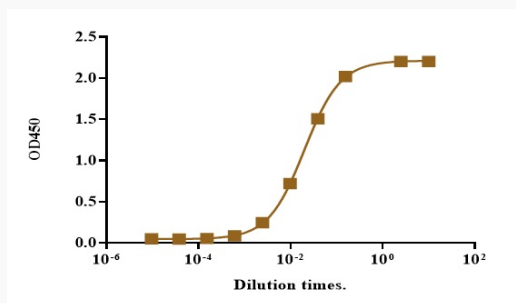


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ELISA



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