Recombinant Human CA9 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CA9-890HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human CA9 precursor (NP_001207.2) (Met 1-Asp 414), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	615
Form	Lyophilized
Molecular Mass	The recombinant human CA9/Fc is a disulfide-linked homodimer. The reduced monomer consists of 615 amino acids and predicts a molecular mass of 67.7 kDa. As a result of glycosylation, the apparent molecular mass of rh CA9/Fc monomer is approximately 80-90 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	CA9 carbonic anhydrase IX [Homo sapiens]
Official Symbol	CA9
Gene ID	768
mRNA Refseq	NM_001216
Protein Refseq	NP_001207
MIM	603179
UniProt ID	Q16790

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