Recombinant Mouse Car9 Protein, His-tagged, FITC conjugated

Cat. No. Car9-914MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant Mouse Car9 (NP_647466.2) extracellular domain (Met 1-Asp 390), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	370
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse CAR9 comprises 370 amino acids and has a calculated molecular mass of 40.3 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 45-50 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 FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 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 PBS, pH 7.4
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	FITC

GENE INFORMATION

Gene Name	Car9 carbonic anhydrase 9 [Mus musculus]
Official Symbol	Car9
Gene ID	230099
mRNA Refseq	NM_139305
Protein Refseq	NP_647466

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