

Recombinant Mouse Car9 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. Car9-914MAF647 Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 647 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 Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 | Alexa Fluor 647 |
| 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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