

Active Recombinant Mouse Car9 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Car9 protein(Gln32-Asp390), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	32-390 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its esterase activity. The specific activity is >750 pmol/min/g, as measured under the described conditions.
Molecular Mass	39.68 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

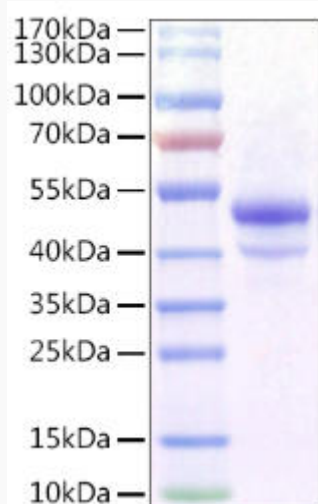
Gene Name	Car9 carbonic anhydrase 9 [Mus musculus]
Official Symbol	Car9
Synonyms	CAR9; carbonic anhydrase 9; CA-IX; carbonic anhydrase IX; carbonate dehydratase IX; membrane antigen MN homolog; Ca9; CAIX; MN/CA9;
Gene ID	230099
mRNA Refseq	NM_139305
Protein Refseq	NP_647466

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SDS-PAGE



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