Recombinant Mouse Car9 protein, His-tagged

Cat. No. Car9-7845M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Car9 aa. (Glu88~Glu280 (Accession # Q8VHB5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu88~Glu280
Form	Freeze-dried powder
Molecular Mass	23 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Car9 carbonic anhydrase 9 [Mus musculus (house mouse)]
Official Symbol	Car9
Synonyms	Car9; carbonic anhydrase 9; Ca9; CAIX; MN/CA9; CA-IX; carbonate dehydratase IX; carbonic anhydrase IX; membrane antigen MN homolog
Gene ID	230099
mRNA Refseq	NM_139305.2
Protein Refseq	NP_647466.2
UniProt ID	Q8VHB5

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