

Recombinant Mouse Car5b protein, His-tagged

Cat. No. Car5b-7837M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Car5b aa. (Arg63~Pro225 (Accession # Q9QZA0)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg63~Pro225
Form	Freeze-dried powder
Molecular Mass	20 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 5.9.
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

Car5b carbonic anhydrase 5b, mitochondrial [Mus musculus (house mouse)]

Official Symbol

Car5b

Synonyms

Car5b; carbonic anhydrase 5b, mitochondrial; CAVB; Ca5b; CarVb; 7330410H16Rik; D730005F19Rik; carbonic anhydrase 5B, mitochondrial; CA-VB; carbonate dehydratase VB; carbonic anhydrase VB

Gene ID

56078

mRNA Refseq

NM_181315.4

Protein Refseq

NP_851832.2

UniProt ID

Q9QZA0

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