Recombinant Rat Car6 protein, His & T7-tagged

Cat. No. Car6-7841R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Car6 aa. (Thr147~Ala275 (Accession # F1LQ08)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr147~Ala275
Description	Enzyme that converts bicarbonate to water and CO(2); component of mammalian saliva and milk.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

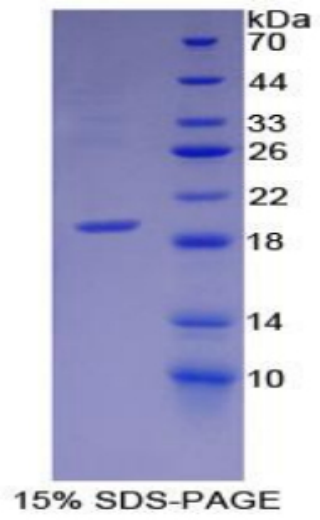
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	was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius 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 lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Car6 carbonic anhydrase 6 [Rattus norvegicus (Norway rat)]
Official Symbol	Car6
Synonyms	Car6; carbonic anhydrase 6; CA6; carbonic anhydrase VI; gustin
Gene ID	298657
mRNA Refseq	NM_001134841.1
Protein Refseq	NP_001128313.1
UniProt ID	F1LQ08

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SDS-PAGE	

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