Recombinant Rat Car7 protein, His-tagged

Cat. No. Car7-7843R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Car7 aa. (Arg29~Asp173 (Accession # B2RZ61)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg29~Asp173
Form	Freeze-dried powder
Molecular Mass	18 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 6.1.
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	Car7 carbonic anhydrase 7 [Rattus norvegicus (Norway rat)]
Official Symbol	Car7
Synonyms	Car7; carbonic anhydrase 7; Ca7; carbonic anhydrase VII
Gene ID	291819
mRNA Refseq	NM_001106165.1
Protein Refseq	NP_001099635.1
UniProt ID	B2RZ61

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