

Recombinant Rat Car2 protein, His-tagged

Cat. No. Car2-7677R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Car2 aa. (Met1~Lys260 (Accession # P27139)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys260
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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 1mM DTT, 5% trehalose, 0.05% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

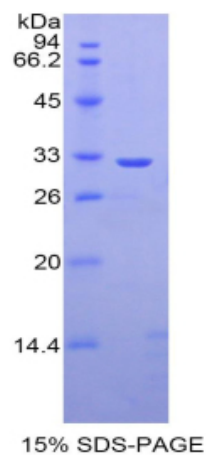
Gene Name	Car2 carbonic anhydrase 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Car2
Synonyms	Ca2; CA-II; carbonate dehydratase II; carbonic anhydrase II; carbonic anhydrase 2
Gene ID	54231
mRNA Refseq	NM_019291.1
Protein Refseq	NP_062164.1
UniProt ID	P27139

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SDS-PAGE



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