

Recombinant Mouse Car1 protein, His-tagged

Cat. No. Car1-7864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Car1 aa. (Asp15~Gln223 (Accession # P13634)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp15~Gln223
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

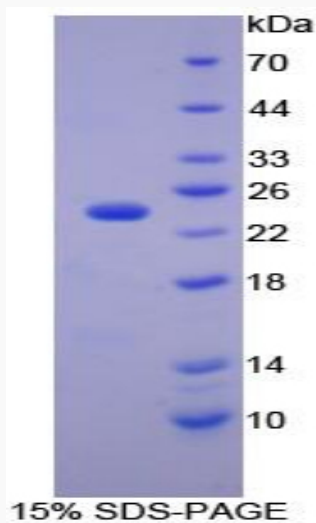
Gene Name	Car1 carbonic anhydrase 1 [Mus musculus (house mouse)]
Official Symbol	Car1
Synonyms	Car1; carbonic anhydrase 1; Ca1; Car-1; AW555628; carbonic anhydrase 1; CA-I; carbonate dehydratase I; carbonic anhydrase I
Gene ID	12346
mRNA Refseq	NM_001083957.1
Protein Refseq	NP_001077426.1
UniProt ID	P13634

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA