

Recombinant Mouse Car5a Protein, MYC/DDK-tagged

Cat. No. Car5a-768M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse carbonic anhydrase 5a, mitochondrial (Car5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversible hydration of carbon dioxide. Low activity.
Molecular Mass	34.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Car5a carbonic anhydrase 5a, mitochondrial [*Mus musculus* (house mouse)]

 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

Official Symbol	Car5a
Synonyms	Car5a; carbonic anhydrase 5a, mitochondrial; CAV; Ca5a; Car5; carbonic anhydrase 5A, mitochondrial; CA Y; CA-VA; carbonate dehydratase VA; carbonic anhydrase 5, mitochondrial; carbonic anhydrase 5b, mitochondrial; carbonic anhydrase VA; EC 4.2.1.1
Gene ID	12352
mRNA Refseq	NM_007608
Protein Refseq	NP_031634
UniProt ID	P23589

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