

Recombinant Mouse Car5b Protein, Myc/DDK-tagged

Cat. No. Car5b-1961M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length carbonic anhydrase 5b, mitochondrial (Car5b), nuclear gene encoding mitochondrial protein, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversible hydration of carbon dioxide.
Molecular Mass	36.6 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

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Gene Name	Car5b carbonic anhydrase 5b, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Car5b
Synonyms	Car5b; carbonic anhydrase 5b, mitochondrial; CA; CAVB; Ca5b; CarVb; 7330410H16Rik; D730005F19Rik; carbonic anhydrase 5B, mitochondrial; CA-VB; carbonate dehydratase VB; carbonic anhydrase VB; EC 4.2.1.1
Gene ID	56078
mRNA Refseq	NM_019513
UniProt ID	Q9QZA0

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