

Recombinant Mouse Car1 Protein, MYC/DDK-tagged

Cat. No. Car1-764M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse carbonic anhydrase 1 (Car1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reversible hydration of carbon dioxide.
Molecular Mass	28.3 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	Car1 carbonic anhydrase 1 [Mus musculus (house mouse)]
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Official Symbol	Car1
Synonyms	Car1; carbonic anhydrase 1; Ca1; Car-1; AW555628; carbonic anhydrase 1; CA-I; carbonate dehydratase I; carbonic anhydrase I; EC 4.2.1.1
Gene ID	12346
mRNA Refseq	NM_009799
Protein Refseq	NP_033929
UniProt ID	P13634

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