

Recombinant Mouse Car4 Protein, MYC/DDK-tagged

Cat. No. Car4-767M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse carbonic anhydrase 4 (Car4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Biased expression in colon adult (RPKM 148.4), placenta adult (RPKM 86.4) and 10 other tissues.
Molecular Mass	34.4 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	Car4 carbonic anhydrase 4 [Mus musculus (house mouse)]
Official Symbol	Car4
Synonyms	Car4; carbonic anhydrase 4; Ca4; AW456718; carbonic anhydrase 4; CA-IV; carbonate dehydratase IV; carbonic anhydrase IV; EC 4.2.1.1
Gene ID	12351
mRNA Refseq	NM_007607
Protein Refseq	NP_031633
UniProt ID	Q64444

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