

## Recombinant Mouse Car2 Protein, MYC/DDK-tagged

Cat. No. Car2-765M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse carbonic anhydrase 2 (Car2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Biased expression in liver E14 (RPKM 556.3), liver E14.5 (RPKM 538.2) and 14 other tissues.
<b>Molecular Mass</b>	29 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Car2 carbonic anhydrase 2 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Car2
<b>Synonyms</b>	Car2; carbonic anhydrase 2; Ca2; CAII; Car-2; Ltw-5; Lvtw-5; AI131712; carbonic anhydrase 2; carbonate dehydratase II; carbonic anhydrase II; EC 4.2.1.1
<b>Gene ID</b>	12349
<b>mRNA Refseq</b>	NM_009801
<b>Protein Refseq</b>	NP_033931
<b>UniProt ID</b>	P00920

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