# Recombinant Mouse Car1 Protein, MYC/DDK-tagged

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

## SPECIFICATION

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| **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

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| **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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