

## Recombinant Mouse Car7 Protein, MYC/DDK-tagged

Cat. No. Car7-769M Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Purified recombinant protein of full-length mouse carbonic anhydrase 7 (Car7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.       |
| Species          | Mouse                                                                                                                                         |
| Source           | HEK293                                                                                                                                        |
| Description      | Reversible hydration of carbon dioxide.                                                                                                       |
| Molecular Mass   | 30.4 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

|           |                                                          |
|-----------|----------------------------------------------------------|
| Gene Name | Car7 carbonic anhydrase 7 [ Mus musculus (house mouse) ] |
|-----------|----------------------------------------------------------|

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|                 |                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Official Symbol | Car7                                                                                                                                   |
| Synonyms        | Car7; carbonic anhydrase 7; Ca7; AV343731; carbonic anhydrase 7; CA-VII; carbonate dehydratase VII; carbonic anhydrase VII; EC 4.2.1.1 |
| Gene ID         | 12354                                                                                                                                  |
| mRNA Refseq     | NM_053070                                                                                                                              |
| Protein Refseq  | NP_444300                                                                                                                              |
| UniProt ID      | Q9ERQ8                                                                                                                                 |

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