

## Recombinant Mouse Ddc Protein, Myc/DDK-tagged

Cat. No. Ddc-2490M Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length dopa decarboxylase (Ddc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                 |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine, L-5-hydroxytryptophan to serotonin and L-tryptophan to tryptamine. |
| <b>Molecular Mass</b>   | 54.3 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>       | Ddc dopa decarboxylase [ Mus musculus (house mouse) ]              |
| <b>Official Symbol</b> | Ddc  |
| <b>Synonyms</b>        | DDC; dopa decarboxylase; aromatic-L-amino-acid decarboxylase; Aadc |
| <b>Gene ID</b>         | 13195  |
| <b>mRNA Refseq</b>     | NM_016672  |
| <b>Protein Refseq</b>  | NP_057881  |
| <b>UniProt ID</b>      | O88533   |

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