Recombinant Mouse Ddc Protein, Myc/DDK-tagged

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

SPECIFICATION

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

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