Recombinant Mouse Comt Protein, MYC/DDK-tagged

Cat. No. Comt-922M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse catechol-O-methyltransferase (Comt), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the O-methylation, and thereby the inactivation, of catecholamine neurotransmitters and catechol hormones. Also shortens the biological half-lives of certain neuroactive drugs, like L-DOPA, alpha-methyl DOPA and isoproterenol.
Molecular Mass	29.5 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 g/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	Comt catechol-O-methyltransferase [Mus musculus (house mouse)]
Official Symbol	Comt
Synonyms	Comt; catechol-O-methyltransferase; Comt1; D16Wsu103e; D330014B15Rik; catechol O-methyltransferase; catechol-O-methyltransferase 1; EC 2.1.1.6
Gene ID	12846
mRNA Refseq	NM_007744
Protein Refseq	NP_031770
UniProt ID	O88587

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