

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

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse catechol-O-methyltransferase (Comt), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	29.5 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 g/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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	Comt catechol-O-methyltransferase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Comt
<b>Synonyms</b>	Comt; catechol-O-methyltransferase; Comt1; D16Wsu103e; D330014B15Rik; catechol O-methyltransferase; catechol-O-methyltransferase 1; EC 2.1.1.6
<b>Gene ID</b>	12846
<b>mRNA Refseq</b>	NM_007744
<b>Protein Refseq</b>	NP_031770
<b>UniProt ID</b>	O88587

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA