

Product datasheet for TP503511

Comt (NM_007744) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse catechol-O-methyltransferase (Comt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203511 protein sequence Red =Cloning site Green =Tags(s)
	<p>MLLAAVSLGLLLLLAFLLLLRHLGWGLVAIGWFEVQQPVHLLMGGTKEQRILRHVQQHAKPGDPQSVLE AIDTYCSEKEWAMNVGDAKGQIMDAVIREYRPSLVLELGAYCGYSAVRMARLLPPGARLLTMEINPDYAA ITQQMLDFAGLQDKVSILIGASQDLIPQLKKKYDVTLDMVFLDHWKDRYLPDTLLLEECGLLRKGTVLL ADNVIVPGTPDFLAYVRGSSSFECTHYSSYLEYMKVVDGLEKAVYQGPSSPVKS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	29.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031770
Locus ID:	12846
UniProt ID:	O88587
RefSeq Size:	2128



[View online »](#)

Cytogenetics:	16 11.4 cM
RefSeq ORF:	798
Synonyms:	Comt1; D16Wsu103e; D330014B15Rik
Summary:	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.[UniProtKB/Swiss-Prot Function]