Recombinant Rat Comt protein, His-tagged

Cat. No. Comt-1671R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Comt aa. (Gly63~Ser264) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly63~Ser264
Description	Catalyzes the conversion of S-adenosyl-L-methionine and catechol to S-adenosyl-L-homocysteine and guaiacol.
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

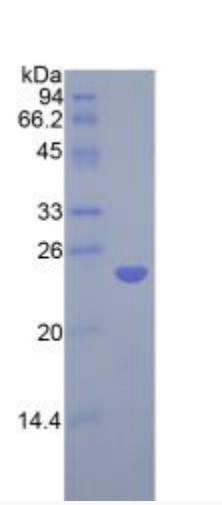
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	than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	5.4

GENE INFORMATION

Gene Name	Comt catechol-O-methyltransferase [Rattus norvegicus (Norway rat)]
Official Symbol	Comt
Synonyms	Comt; catechol-O-methyltransferase; catechol O-methyltransferase; catecholamine-O-methyltransferase
Gene ID	24267
mRNA Refseq	NM_012531.2
Protein Refseq	NP_036663.1
UniProt ID	P22734

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SDS-PAGE	

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