

Catechol-O-Methyltransferase (COMT) Recombinant Protein | COMT recombinant protein

Recombinant Catechol-O-Methyltransferase (COMT)

CATALOG # AAA134137	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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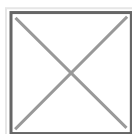
PRODUCT SYNONYMS

Catechol-O-Methyltransferase (COMT); Recombinant Catechol-O-Methyltransferase (COMT); COMT recombinant protein

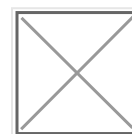
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSNSEF-GD PQSVLEAIDT YCTQKEWAMN VGDAKGQIMD AVIREYSPSL VLELGAYCGY SAVRMARLLQ PGARLLTMEM NPDYAAITQQ MLNFAGLQDK VTILNGASQD LIPQLKKKYD VDTLDMVFLD HWKDRYLPDT LLEKCGLLR KGTVLLADNV IVPGTPDFLA YVRGSSSFEC THYSSYLEYM KVV DGLEKAI YQGPSSPDKS
Sequence Length	264
Applicable Applications for COMT recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Gly63~Ser264 (Accession # P22734) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978681
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NCBI GeneID	24267
NCBI Accession #	NP_036663.1
NCBI GenBank Nucleotide #	NM_012531.2
UniProt Accession #	P22734
Molecular Weight	24.0kDa
NCBI Official Full Name	catechol O-methyltransferase
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	Comt
NCBI Protein Information	catechol O-methyltransferase; catecholamine-O-methyltransferase
UniProt Protein Name	Catechol O-methyltransferase
UniProt Gene Name	Comt
UniProt Entry Name	COMT_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/comt-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134137>