

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

Recombinant Catechol-O-Methyltransferase (COMT)

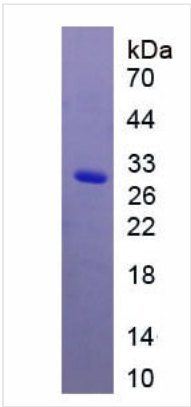
CATALOG # AAA150758	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Arg20~Ser2 65
Applicable Applications for COMT recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Mouse
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.6
Subcellular Location	Membrane, Cytoplasm
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

R HLGWGLVAIG WFEFVQQPVH NLLMGGTKEQ
RILRHVQQHA KPGDPQSVLE AIDTYCSEKE WAMNVGDAKG QIMDAVIREY
RPSLVLELGA YCGYSAVRMA RLPPGARLL TMEINPDYAA ITQQMLDFAG
LQDKVSILIG ASQDLIPQLK KKYDVTLDL VFLDHWKDRL LPDTLLLEEC
GLLRKGTVLL ADNIVPGTP DFLAYVRGSS SFECTHYSSV LEYMKVVDGL
EKAVYQGPQS SPVKS

SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COMT recombinant protein	Enzyme & Kinase; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161484636
NCBI GeneID	12846
NCBI Accession #	NP_001104532.1
NCBI GenBank Nucleotide #	NM_001111062.1
UniProt Accession #	O88587; Q91XH4
Molecular Weight	24,707 Da
NCBI Official Full Name	catechol O-methyltransferase
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	Comt
NCBI Official Synonym Symbols	Comt1; D16Wsu103e; D330014B15Rik
NCBI Protein Information	catechol O-methyltransferase
UniProt Protein Name	Catechol O-methyltransferase
UniProt Gene Name	Comt
UniProt Synonym Gene Names	Comt1

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.