

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

Recombinant Human Catechol O-methyltransferase (COMT)

CATALOG # AAA113746	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

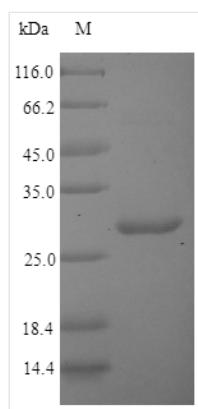
PRODUCT SYNONYMS

Catechol O-methyltransferase (COMT); Recombinant Human Catechol O-methyltransferase (COMT); Catechol O-methyltransferase; EC=2.1.1.6; COMT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	52-271aa; Partial
Sequence	GDTKEQRILN HVLQHAEPGN AQSVLIAIDT YCEQKEWAMN VGDKKGKIVD AVIQEHQPSV LLELGAYCGY SAVRMARLLS PGARLITIEI NPDCAAITQR MVDFAGVKDK VTLVVGASQD IIPQLKKKYD VDTLDMVFLD HWKDRYLPDT LLLIECGLLR KGTVLLADNV ICPGAPDFLA HVRGSSCFEC THYQSFLEYR EVVDGLEKAI YKGPGSEAGP
Sequence Length	221
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for COMT recombinant protein	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.
Product Categories/Family for COMT recombinant protein	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502969
NCBI GeneID	1312
NCBI Accession #	NP_000745.1
NCBI GenBank Nucleotide #	NM_000754.3
UniProt Accession #	P21964; Q6IB07; Q6ICE6; Q9BWC7; A8MPV9
Molecular Weight	28.3 kDa
NCBI Official Full Name	catechol O-methyltransferase isoform MB-COMT
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	COMT
NCBI Official Synonym Symbols	HEL-S-98n
NCBI Protein Information	catechol O-methyltransferase; epididymis secretory sperm binding protein Li 98n
UniProt Protein Name	Catechol O-methyltransferase
UniProt Gene Name	COMT
UniProt Entry Name	COMT_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/comt-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113746>