

Catechol-O-Methyltransferase Recombinant Protein | COMT recombinant protein

Recombinant Human Catechol-O-Methyltransferase

CATALOG #
AAA38734HOST
Escherichia Coli.

PRODUCT SYNONYMS

Catechol-O-Methyltransferase; Recombinant Human Catechol-O-Methyltransferase; COMT Human; Catechol-O-Methyltransferase Human Recombinant; COMT; EC 2.1.1.6; Catechol O-methyltransferase; COMT recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli.
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	COMT protein (1 mg/mL) in 20 mM Tris-HCl buffer, pH-8, 1 mM MgCl ₂ and 10% Glycerol.
Sequence	MGDTKEQRIL NHVLQHAEPG NAQSVLEAID TYCEQKEWAM NVGDKKGKIV DAVIQEHQPS VLLELGAYCG YSAVRMARLL SPGARLITIE INPDCAAITQ RMVDFAGVKD KVTLVVGASQ DIIPQLKKKY DVDTLDMVFL DHWKDRYLPD TLLLEECGLL RKGTVLLADN VICPGAPDFL AHVRGSSCFE CTHYQSFLEY REVVDGLEKA IYKGPGEAG P
Sequence Length	271
Physical Appearance	Sterile Filtered clear solution
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for COMT recombinant protein	COMT Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (51-271 a.a.) & having a molecular mass of 24.4 kDa. The COMT is purified by proprietary chromatographic techniques.
Product Categories/Family for COMT recombinant protein	Enzymes ; Transferase

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
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.

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Online datasheet: <https://stage.aaabiotech.com/comt-recombinant-protein-escherichia-coli/38734>