

COMT recombinant protein

COMT Protein, Human, Recombinant (His Tag)

CATALOG # AAA258002	HOST Baculovirus-Insect Cells
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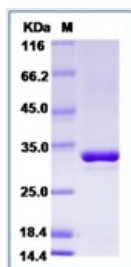
PRODUCT SYNONYMS

COMT; COMT Protein; Human; Recombinant (His Tag); Human COMT Protein (His Tag); HEL-S-98n Protein; catechol-O-methyltransferase; COMT recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	>85% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 20mM Tris, pH7.5, 300mM NaCl, 10% glycerol, 0.1% Triton, 1mM TCEP, 5% mannitol, 0.01% Tween-80.
Species	Human
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Met 1
Tag	His-Tag
Protein Construction	A DNA sequence encoding the human COMT (NP_000745.1)(Met1-Pro271) was expressed with a polyhistidine tag at the C-terminus.
Reconstitution	It is recommended that the sterile water (200ul) be added to the vial to prepare a stock solution of 0.25mg/mL. UV concentration is measured by UV-Vis.
Preparation and Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COMT recombinant protein	Neurotransmitter Associated Enzymes
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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; A8MPV9
Molecular Weight	The recombinant human COMT consists of 282 amino acids and predicts a molecular mass of 31.5 kDa.
NCBI Official Full Name	catechol O-methyltransferase isoform MB-COMT
NCBI Official Synonym Full Names	catechol-O-methyltransferase
NCBI Official Symbol	COMT
NCBI Protein Information	catechol O-methyltransferase
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://www.aaabiotech.com/comt-recombinant-protein-baculovirus/258002>