

Recombinant Human COMT protein(Met1-Pro271), His-tagged

Cat. No. COMT-541H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COMT (NP_000745.1) (Met1-Pro271) was expressed in Insect Cells, with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Pro271
Form	Lyophilized from sterile 20 mM Tris, pH 7.5, 300 mM NaCl, 10% glycerol, 0.1% Triton. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human COMT consists of 282 amino acids and predicts a molecular mass of 31.5 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	COMT catechol-O-methyltransferase [Homo sapiens]
Official Symbol	COMT
Synonyms	COMT; catechol-O-methyltransferase; catechol O-methyltransferase;
Gene ID	1312
mRNA Refseq	NM_000754
Protein Refseq	NP_000745
UniProt ID	P21964

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