

Catechol-O-Methyltransferase Human Recombinant

Item Number	rAP-1966
Synonyms	COMT, EC 2.1.1.6, Catechol O-methyltransferase.
Description	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.
Uniprot Accesion Number	P21964
Amino Acid Sequence	MGDTKEQRIL NHVLQHAEPG NAQSVLEAID TYCEQKEWAM NVGDKKGGKIV DAVIQEHQPS VLLEL-GAYCG YSAVRMARLL SPGARLITIE INPDCAAITQ RMVDFAGVKD KVTLVVGASQ DIIPQLKKKY DVD-TLDMVFL DHWKDRYLPD TLLLEECGLL RKGTVLLADN VICPGAPDFL AHVRGSSCFE CTHYQSFLEY REVVDGLEKA IYKGGPSEAG P.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	COMT protein in 20mM Tris-HCl buffer, pH-8, 1mM MgCl ₂ and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**