

Recombinant Human COMT protein, GST-tagged

Cat. No. COMT-088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COMT protein(NP_000745)(1-182 aa), fused with GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-182 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MNVGDKKKGKIVDAVIQEHQPSVLLELGAYCGYSAVRMARLLSPGARLITIEINPDCAAI TQRMVDFAGMKDKVTLVVGASQDIIPQLKKKYDVDTLDMVFLDHWKDRYLPDTLLLE ECGLLRKGTVLLADNVICPGAPDFLAHV RGSSCFECTHYQSFLEYREVVDGLEKAIY KGPGEAGP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

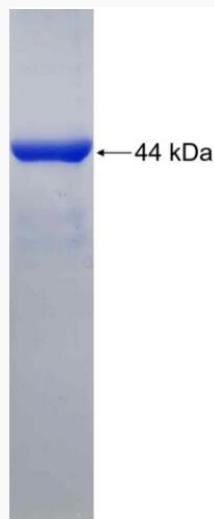
Protein Refseq NP_000745

UniProt ID P21964

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SDS-PAGE

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