

Recombinant Human COMT protein (Met51-Pro271), His-tagged

Cat. No. COMT-542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COMT (NP_009294.1) (Met51-Pro271) protein, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells.
Species	Human
Source	Insect Cells
ProteinLength	51-271 a.a.
CommonName	COMT
Predicted N Terminal	Met 51
Form	Lyophilized from sterile PBS, 10% glycerol, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human COMT consists of 182 amino acids and predicts a molecular mass of 20.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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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