

Recombinant Human COMT Protein (Met51-Pro271)

Cat. No. COMT-543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COMT Protein (NP_009294.1) (Met51-Pro271) was produced by E. coli expression system. This protein was expressed with an initial Met.
Species	Human
Source	E.coli
ProteinLength	Met51-Pro271
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human COMT consists of 187 amino acids and predicts a molecular mass of 20.9 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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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