For research purposes only, not for human use

# Product Data Sheet

## Catechol O-methyltransferase

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CZM1186 | Microorganism | | |

| | |
|---|---|
| **Description** | Recombinant Catechol O-methyltransferase from Microorganism |
| **Specificity** | >2000 U/mg protein, >150 U/mg powder |
| **Form** | White lyophilized powder |
| **Alternative Names** | EC 2.1.1.6; COMT I COMT II; S-COMT (soluble form of catechol-O-methyltransferase); MB-COMT (membrane-bound form of catechol-O-methyltransferase); catechol methyltransferase; catecholamine O-methyltransferase |
| **CAS Number** | 9012-25-3 |
| **Molecular Weight** | |
| **Purity** | >90% |
| **Unit Definition** | One unit is defined as the amount of enzyme will catalyze 1 nanomole dihydroxybenzoic acid using S-adenosyl-L-(methyl 14C)-methionine as the methyl donor per hour at 37°C, pH 8.0. |
| **Storage/Stability** | Shipped at 4°C. Store at -20°C for 2 years. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


**COHESION BIOSCIENCES LIMITED**

WEB www.cohesionbio.com
ORDER order@cohesionbio.com
SUPPORT techsupport@cohesionbio.com
CUSTOM custom@cohesionbio.com