



Recombinant Saccharum officinarum Caffeic acid 3-O-methyltransferase (COMT)

Product Code	CSB-EP526852SVV-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O82054
Product Type	Recombinant Protein
Immunogen Species	Saccharum officinarum (Sugarcane)
Purity	>85% (SDS-PAGE)
Sequence	MGSTAEDVAA VADEEACMYA MQLASASILP MTLKNALELG LLEVLQAEAP AGKALAPEEV VARLPVAPT N PDAADMVDRM LRLASYD VV KCQMEDKDGK YERRYSAAPV GKWLTPNEDG VSMAAL TLMN QDKVLMESWY YLKDAVL DGG IPFNKAYGMT AFEYHGTDPR FNRVFNEG MK NHSVIITKKL LEFYTGFE GV STLVDVGGGI GATLHAITSH HPQIKGINFD LPHVISEAPP FPGVQHVG GD MFKSVPAGDA ILMKWILHDW SDAHCATLLK N CYDALPENG KVIIVECVLP VNTEAVPKAQ GVFHVD MIML AHNPGGRERY EREFHDLAKG AGFSGFKATY IYANAWAIEF IK
Source	E.coli
Target Names	COMT
Protein Names	Recommended name: Caffeic acid 3-O-methyltransferase Short name= CAOMT Short name= COMT EC= 2.1.1.68 Alternative name(s): S-adenosyl-L-methionine:caffeic acid 3-O-methyltransferase
Expression Region	1-362
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.