



Recombinant Capsicum chinense Caffeic acid 3-O-methyltransferase (COMT)

Product Code	CSB-EP525733DQE-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.	O81646
Product Type	Recombinant Protein
Immunogen Species	Capsicum chinense (Scotch bonnet) (Bonnet pepper)
Purity	>85% (SDS-PAGE)
Sequence	MGSINQSLTQ TEDEAFVFAM QLASASVLPM VLKATVELDL LEIMAKSGPG AFISPSELAA QLPTKNPEAP VMLDRMFRL ATYSVLNCTL RPLPDGRVER LYSLAPVCKF LTKNGDGVSI APILLMNQDK VLMESWYHLT DAVLDGGVPP NKAYGMTTFE YHGTDPRFNK VFNCGMSDHT TLSMKKILED YTGFEGLNSI VDVGGGTGAT VNMIVSKYPS IKGINFDLPH VIRDAPSYPG VEQVGGDMFV SVPKADAIFM KWICHDWSDD HCIKLLKNCY EALPANGKVI IVECILPEAP D TSAATKSKV HGDIIMLAHN PGGKERTEKD FEALANWGW F SRFRKVCCAY HTWVMEFNK
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	1-359
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.