Probable O-methyltransferase 2 (OMT2), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP20017*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Sorghum bicolor (Sorghum) (Sorghum vulgare)

Full Product Name
Recombinant Sorghum bicolor Probable O-methyltransferase 2 (OMT2)

Product Gene Name
OMT2 recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
MAASSHAIAP TDAELLQAQA DLWRHSLYYL TSMALKCAVE LHIPTAIHNL GGATTLPDLV TALSLPKTKL PFLGRIMRLL VTSGIFASDG ANGDGAAAEA VYRLNPLSWL LVEGVESEDH TYQKYFVLAT VSQHYVDAGL SLADWFRKDL PEPLPSPFEC LHGVPLAHES TKLLDEELDR IVEEGVAAHD NLAIGTIIRE CSDIFSGLHS LTYCCGRQGN ISATAIIKAF PDIKCTVLNL PRVIETAPAD DAVSSVTGDL FHTIPPAQAV MLKLVLHFWS DEDCVKILEQ CRKAIPSREE GGKVIIIEIL LGPYMGPIMY EAQLLMDMLM MVNTRGRQRT ENDWRQIFTK AGFSDYKIVK KIGARGVIEV YP

Sequence Positions
1-372, Full length protein

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
40,898 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Probable O-methyltransferase

NCBI Accession
XP_002450037.1

NCBI GI
242069521

NCBI GenBank Nucleotide
XM_002449992.1

NCBI GeneID
8076347

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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UniProt Gene Name
OMT2

UniProt Synonym Gene Names
SbOMT2

UniProt Protein Name
Probable O-methyltransferase 2

UniProt Primary Accession
A8QW51

UniProt Comments
O-methyltransferase of unknown substrate specificity. Not active on resorcinol, orcinol, guaiacol, eugenol, ferulic acid, p-coumaric acid, catechol, caffeic acid or monomethyl ethers of resorcinol or orcinol.

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