Probable protein arginine N-methyltransferase 6.1 (PRMT6.1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP13604*

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
Oryza sativa subsp. indica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. indica Probable protein arginine N-methyltransferase 6.1 (PRMT6.1)

Product Gene Name
PRMT6.1 recombinant protein

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

Sequence
MLPSHLNGHS PLARRRPRLS AASPPATGDS DAAAAAADAP LAEHDRIYFQ SYSHIGIHEA MIKDRVRTDA YRSAIMHHQK FIEGKVVMDV GCGTGILSVF CARAGAKCVY AVEASEMATQ AREIVKANNL DDKVVVVHGR VEDVEVEDKV DVIISEWMGY MLLYESMLPS VLFARDKWLK PGGLILPSHA TLFMAPITNS ERYEGSVDFW SDVYGINMSA LVPLAKKFTS EEPSIEIIGG ENVLSWPFVV KHIDCYTFKA EELKSITTKY KVSSMMLAPI HGFGLWFEVE FNGPSNPTDK SPSDLNPLDV IRTKRRRGSE DPVVLSTAPE DEPTHWHQTI LYFPDPIEVK QDQIIEGSVK VSQSEENPRF LNIQLDCTM

Sequence Positions
1-379, 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
42,220 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 protein arginine N-methyltransferase

NCBI Accession
A2XYY8.1

NCBI GI
152013354

NCBI Official Full Name
Probable protein arginine N-methyltransferase 6.1

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UniProt Gene Name
PRMT6.1

UniProt Protein Name
Probable protein arginine N-methyltransferase 6.1

UniProt Primary Accession
A2XYY8

UniProt Secondary Accession
Q259J4

UniProt Comments
Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA).

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