Transcriptional activator DEMETER (DME), partial Recombinant Protein | DME recombinant protein

Recombinant Arabidopsis thaliana Transcriptional activator DEMETER (DME), partial

CATALOG #	HOST
AAA116549	**E Coli or Yeast or Baculovirus or Mammalian Cell**

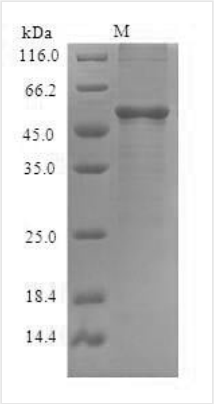
PRODUCT SYNONYMS

Transcriptional activator DEMETER (DME); partial; Recombinant Arabidopsis thaliana Transcriptional activator DEMETER (DME); Transcriptional activator DEMETER; EC=3.2.2.-; DNA glycosylase-related protein DME; DME recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-320aa. Partial-length
Sequence	MNSRADPGDR YFRVPLENQT QQEFMGSWIP FTPKKPRSSL MVDERVINQD LNGFPGGEFV DRGFCNTGVD HNGVFDHGAH QGVTNLSMMI NSLAGSHAQA WSNSERDLLG RSEVTSPLAP VIRNTTGNVE PVNGNFTSDV GMVNGPFTQS GTSQAGYNEF ELDDLLNPDQ MPFSFTSLLS GGDSLFKVRQ YGPPACNKPL YNLNSPIRRE AVGSVCESSF QYVPSTPSLF RTGEKTGFLE QIVTTTGHEI PEPKSDKSMQ SIMDSSAVNA TEATEQNDGS RQDVLEFDLN KTPQQKPSKR KRKFMPKVVV EGKPKRKPRK
Species	Arabidopsis thaliana (Mouse-ear cress)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DME recombinant protein	Transcriptional activator involved in gene imprinting. Catalyzes the release of 5-methylcytosine (5-meC) from DNA by a glycosylase/lyase mechanism. Allows the expression of the maternal copy of the imprinted MEA gene before fertilization, possibly by antagonizing or suppressing DNA methylation on target promoter. Probably acts by nicking the MEA promoter. Required for stable reproducible patterns of floral and vegetative development.

Product Categories/Family for DME recombinant protein	Transcription

NCBI AND UNIPROT INFORMATION

NCBI GI #	145334291
NCBI GeneID	830335
NCBI Accession #	NP_001078527.1
NCBI GenBank Nucleotide #	NM_001085058.1
UniProt Accession #	Q8LK56; Q1WEY5; Q84TL4; Q9LZ67; Q9LZ68; Q9LZ69
Molecular Weight	51.4 kDa
NCBI Official Full Name	transcriptional activator DEMETER
NCBI Official Symbol	DME
NCBI Official Synonym Symbols	AT5G04570; AT5G04580; DEMETER; DME; T32M21.160; T32M21_160
NCBI Protein Information	transcriptional activator DEMETER
UniProt Protein Name	Transcriptional activator DEMETER
UniProt Gene Name	**DME**
UniProt Entry Name	DME_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/dme-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116549