

rRNA 2'-O-methyltransferase fibrillarin 1 (FIB1) Recombinant Protein | FIB1 recombinant protein

Recombinant Arabidopsis thaliana rRNA 2'-O-methyltransferase fibrillarin 1 (FIB1)

CATALOG #
AAA116618

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

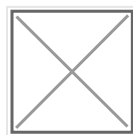
PRODUCT SYNONYMS

rRNA 2'-O-methyltransferase fibrillarin 1 (FIB1); Recombinant Arabidopsis thaliana rRNA 2'-O-methyltransferase fibrillarin 1 (FIB1); rRNA 2'-O-methyltransferase fibrillarin 1; EC=2.1.1.-; SKP1-interacting partner 7; FIB1 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	1-308aa; Full Length
Sequence	MRPPVTGGRG GGGFRGGRDG GGRGFGGGRS FGGGRSGDRG RSGPRGRGRG APRGRGGPPR GGMKGGSKVI VEPHRHAGVF IAKGKEDALV TKNLVPGEAV YNEKRISVQN EDGTVVEYRV WNPFRSKLAA AILGGVDNIW IKPGAKVLYL GAASGTTVSH VSDLVGPEGC VYAVEFSHRS GRDLVNMAKK RTNVIPIED ARHPAKYRML VGMVDVIFSD VAQPDQARIL ALNASFFLKT GGHFVISIKA NCIDSTVAAE AVFQSEVKKL QQEQFKPAEQ VTLEPFERDH ACVVGGYRMP KKQKTPAS
Sequence Length	308
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 FIB1 recombinant protein

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. The Mediator complex, having a compact conformation in its free form, is recruited to promoters by direct interactions with regulatory proteins and serves for the assembly of a functional pre-initiation complex with RNA polymerase II and the general transcription factors S-adenosyl-L-methionine-dependent methyltransferase that has the ability to methylate both RNAs and proteins. Involved in pre-rRNA processing. Utilizes the methyl donor S-adenosyl-L-methionine to catalyze the site-specific 2'-hydroxyl methylation of ribose moieties in pre-ribosomal RNA. Site specificity is provided by a guide RNA that base pairs with the substrate. Methylation occurs at a characteristic distance from the sequence involved in base pairing with the guide RNA. Also acts as a protein methyltransferase by mediating methylation of 'Gln-105' of histone H2A (H2AQ105me), a modification that impairs binding of the FACT complex and is specifically present at 35S ribosomal DNA locus

NCBI AND UNIPROT INFORMATION

NCBI GI #	186531481
NCBI GeneID	835323
NCBI Accession #	NP_001119418.1
NCBI GenBank Nucleotide #	NM_001125946.1
UniProt Accession #	Q9FEF8; Q0WLG3; Q9FUZ8; Q9SP30; B3H6E7
Molecular Weight	48.8 kDa
NCBI Official Full Name	probable mediator of RNA polymerase II transcription subunit 36b
NCBI Official Symbol	FIB1
NCBI Official Synonym Symbols	ATFBR1; ATFIB1; FBR1; FIB1; fibrillarin 1; FIBRILLARIN 1; K24M7.22; K24M7_22; SKIP7; SKP1/ASK1-INTERACTING PROTEIN
NCBI Protein Information	probable mediator of RNA polymerase II transcription subunit 36b
UniProt Protein Name	Probable mediator of RNA polymerase II transcription subunit 36b
UniProt Gene Name	MED36B
UniProt Synonym Gene Names	FBR1; FIB1; MED36_2; SKIP7
UniProt Entry Name	MD36B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/med36b-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116618>