RNA Pseudourine Synthase 7 (AT5G51140) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	RNA pseudourine synthase 7 (At5g51140), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana RNA pseudourine synthase 7 (At5g51140)
Product Gene Name	At5g51140 recombinant protein
Product Synonym Gene Name	At5g51140
Sequence	MKRKQQEDDN DDGVEKAVSP VLATTSNTMS TDLLLQSSSK LSQKQDYIFH GGRRHVRPYY FEFISHVNKR WTGKTIVDLF ADEFKGRPRD YYVGAVKSGR IKVDGEIVPV SYIVKSSQKI THFLHRHEPP VMIDDVVILH QEPDVVTVCK PASVPVHPCG QYRKNTIVGI LDAEHDLGTL FPIHRLDRLV SGLLIIARTA AKADFFRQQI EGGMVKKRYI AKVIGVFPED EMIVDANINY NGSEGRSTAE DANSSGDDKK VKGKPACTKF TRIDTNGTHS LVSCEPVTGR THQIRVHLQY TGHPIANDPL YLNQHIDNLE TYIAKRIDAG ERKIVSPDDY VYSSEDFSID PMCTNCPKLI PQGYEEHDEA LWLHCVQYCG TGWEYECPYP SWASL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	44,625 Da
Sequence Positions	1-395, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9LU60
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At5g51140 recombinant protein	MBS1423848 is a recombinant protein targeting At5g51140. Also known as Recombinant Arabidopsis thaliana RNA pseudourine synthase 7 (At5g51140). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At5g51140 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for At5g51140. It may not necessarily be applicable to this product.

NCBI GI #	15241389
NCBI GeneID	835188
NCBI Accession #	NP_199927.1
UniProt Primary Accession #	Q9LU60

UniProt Secondary Accession #	Q8LG24; Q8W4Q8
UniProt Related Accession #	Q9LU60
GenBank Nucleotide #	NM_124493.4
NCBI Official Full Name	Pseudouridine synthase family protein
NCBI Official Symbol	AT5G51140
NCBI Official Synonym Symbols	MWD22.8; MWD22_8
UniProt Protein Name	RNA pseudouridine synthase 7
UniProt Synonym Protein Names	RNA pseudouridylate synthase 7; RNA-uridine isomerase 7
Protein Family	RNA pseudouridine synthase
UniProt Gene Name	At5g51140
NCBI Protein Information	Pseudouridine synthase family protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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