Defensin-Like Protein 192 (ATTI7) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Defensin-like protein 192 (ATTI7), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Defensin-like protein 192 (ATTI7)
Product Gene Name	ATTI7 recombinant protein
Product Synonym Gene Name	ATTI7
Sequence	YDRKCLKEYG GDVGFSYCAP RIFPTFCDQN CRKNKGAKGG VCRWEENNAI GVKCLCNFCS EEPSDQTLSR I
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	10,993 Da
Sequence Positions	28-98, 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 Q42330
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ATTI7 recombinant protein	MBS1374753 is a recombinant protein targeting ATTI7. Also known as Recombinant Arabidopsis thaliana Defensin-like protein 192 (ATTI7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ATTI7 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 ATTI7. It may not necessarily be applicable to this product.

NCBI GI #	15220249
NCBI GeneID	841163
NCBI Accession #	NP_175185.1
UniProt Primary Accession #	Q42330
UniProt Secondary Accession #	Q9SX84
UniProt Related Accession #	Q42330
GenBank Nucleotide #	NM_103647.5

NCBI Official Full Name	Scorpion toxin-like knottin superfamily protein
NCBI Official Symbol	AT1G47540
NCBI Official Synonym Symbols	F16N3.19; F16N3_19
UniProt Protein Name	Defensin-like protein 192
UniProt Synonym Protein Names	Trypsin inhibitor ATTI-7
Protein Family	Defensin-like protein
UniProt Gene Name	ATTI7
NCBI Protein Information	Scorpion toxin-like knottin superfamily 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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