Defensin-Like Protein 301 (AT5G04045) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Defensin-like protein 301 (At5g04045), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Defensin-like protein 301 (At5g04045)
Product Gene Name	At5g04045 recombinant protein
Product Synonym Gene Name	At5g04045
Sequence	QFRCKSVAEC DSRGCRVGTH VICNEHHICT CAHGSPIGGQ CDGVEDCDLS GCPPNSHVIC DRIGGNFCTC VPN
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	10,401 Da
Sequence Positions	25-97, 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 Q3E715
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At5g04045 recombinant protein	MBS1468230 is a recombinant protein targeting At5g04045. Also known as Recombinant Arabidopsis thaliana Defensin-like protein 301 (At5g04045). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At5g04045 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 At5g04045. It may not necessarily be applicable to this product.

NCBI GI #	42573261
NCBI GeneID	2745976
NCBI Accession #	NP_974727.1
UniProt Primary Accession #	Q3E715
GenBank Nucleotide #	NM_202998.2
NCBI Official Full Name	Putative membrane lipoprotein

UniProt Protein Name	Defensin-like protein 301
Protein Family	Defensin-like protein
UniProt Gene Name	At5g04045
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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