Probable Protein Pop3 (AT3G17210) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable protein Pop3 (At3g17210), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable protein Pop3 (At3g17210)
Product Gene Name	At3g17210 recombinant protein
Product Synonym Gene Name	At3g17210
Sequence	MEEAKGPVKH VLLASFKDGV SPEKIEELIK GYANLVNLIE PMKAFHWGKD VSIENLHQGY THIFESTFES KEAVAEYIAH PAHVEFATIF LGSLDKVLVI DYKPTSVSL
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	12,184 Da
Sequence Positions	1-109, 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 Q9LUV2
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At3g17210 recombinant protein	MBS1307306 is a recombinant protein targeting At3g17210. Also known as Recombinant Arabidopsis thaliana Probable protein Pop3 (At3g17210). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At3g17210 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 At3g17210. It may not necessarily be applicable to this product.

NCBI GI #	1063712065
NCBI GeneID	820980
NCBI Accession #	NP_001319574.1
UniProt Primary Accession #	Q9LUV2
UniProt Secondary Accession #	Q0WKU8; Q8LCB1
UniProt Related Accession #	Q9LUV2

GenBank Nucleotide #	NM_001338278.1
NCBI Official Full Name	heat stable protein 1
NCBI Official Symbol	HS1
NCBI Official Synonym Symbols	A. THALIANA HEAT STABLE PROTEIN 1; ATHS1; heat stable protein 1
UniProt Protein Name	Stress-response A/B barrel domain-containing protein HS1
UniProt Synonym Protein Names	Pop3 family protein At3g17210
UniProt Gene Name	HS1
UniProt Synonym Gene Names	AtHS1
NCBI Protein Information	heat stable protein 1
NCBI Summary for At3g17210	Encodes a heat stable protein with antimicrobial and antifungal activity.
UniProt Comments for At3g17210	Heat stable protein involved in defense against fungal pathogens. Possesses antifungal activity against diverse pathogenic fungi. Possesses antimicrobial activity. Possesses ribonuclease activity.
Research Articles on At3g17210	**1.** The crystal structure of At3g17210 protein is best described as a dimer on a two-fold crystallographic axis.
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