Putative Do-Like 15 Protein (DEGP15) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative Do-like 15 protein (DEGP15), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative Do-like 15 protein (DEGP15)
Product Gene Name	DEGP15 recombinant protein
Product Synonym Gene Name	DEGP15
Sequence	MSNQVNDISY VSLIQVNIVL NKNIILWLGS ATPRALRDID LAQDSVVKIF SFSREPNVVQ PWQTTEKEYS SSGFAISGRR ILTNAHVVGD HSYLQVRKHG SPTKYKAEVK AFGIFGARRY TFIGETIYAL GYPRDGDIIS VTKGIVTRVE PQKYAHSSIE ILTIQTDACI NGGKSGGPVV MGNKVAGVVF ENDSPSDK
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	21,721 Da
Sequence Positions	1-198, 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 Q3E8B4
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DEGP15 recombinant protein	MBS1480272 is a recombinant protein targeting DEGP15. Also known as Recombinant Arabidopsis thaliana Putative Do-like 15 protein (DEGP15). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DEGP15 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 DEGP15. It may not necessarily be applicable to this product.

NCBI GI #	22327839
NCBI GeneID	835564
NCBI Accession #	NP_680437.1
UniProt Primary Accession #	Q3E8B4
UniProt Related Accession #	Q3E8B4

GenBank Nucleotide #	NM_148132.1
NCBI Official Full Name	Trypsin family protein
NCBI Official Symbol	DEG16
NCBI Official Synonym Symbols	degradation of periplasmic proteins 16
UniProt Protein Name	Putative Do-like 15 protein
Protein Family	Putative Do-like 15 protein
UniProt Gene Name	DEGP15
NCBI Protein Information	Trypsin family protein
Research Articles on DEGP15	**1.** A knockout mutation in the DEG15 gene of Arabidopsis (At1g28320) prevents processing of the glyoxysomal malate dehydrogenase precursor to the mature form.
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