Putative Defensin-Like Protein 157 (LCR22) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative defensin-like protein 157 (LCR22), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Putative defensin-like protein 157 (LCR22)
Product Gene Name	LCR22 recombinant protein
Product Synonym Gene Name	LCR22
Sequence	DERCTIIIHP GSPCDPSDCV QYCYAEYNGV GKCIASKPGR SANCMCTYNC
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	8,390 Da
Sequence Positions	28-77, 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 Q9M0F3
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LCR22 recombinant protein	MBS1437337 is a recombinant protein targeting LCR22. Also known as Recombinant Arabidopsis thaliana Putative defensin-like protein 157 (LCR22). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LCR22 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 LCR22. It may not necessarily be applicable to this product.

NCBI GI #	15233527
NCBI GeneID	829049
NCBI Accession #	NP_194657.1
UniProt Primary Accession #	Q9M0F3
UniProt Related Accession #	Q9M0F3
GenBank Nucleotide #	NM_119072.2
NCBI Official Full Name	low-molecular-weight cysteine-rich 22

NCBI Official Symbol	LCR22
NCBI Official Synonym Symbols	F17A13.100; F17A13_100; low-molecular-weight cysteine-rich 22
UniProt Protein Name	Putative defensin-like protein 157
UniProt Synonym Protein Names	Putative low-molecular-weight cysteine-rich protein 22; Protein LCR22
Protein Family	Putative defensin-like protein
UniProt Gene Name	LCR22
UniProt Synonym Gene Names	Protein LCR22
NCBI Protein Information	low-molecular-weight cysteine-rich 22
NCBI Summary for LCR22	Encodes a member of a family of small,secreted, cysteine rich protein with sequence similarity to the PCP (pollen coat protein) gene family.
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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