Probable L-Type Lectin-Domain Containing Receptor Kinase I.2 (LECRK12) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable L-type lectin-domain containing receptor kinase I.2 (LECRK12), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable L-type lectin-domain containing receptor kinase I.2 (LECRK12), partial
Product Gene Name	LECRK12 recombinant protein
Product Synonym Gene Name	LECRK12
Sequence	QDLSFV FNGFNQDQAG DELLLDGFAR IQSPERVLQL TDGTTQQKGH AFFNRPFDFG SASSQSLSFF TQFVCALVPK PGFYGGHGIA FVLSSAHNLK KAYASSYLGL FNRSTNGSPS SHVLAVELDT VQSAETDDMD NNHVGIDENR IQSVVSASAS YYSDREGKNI SLILLSGDPI QVWVDYEDTL LNVTLAPLRN QKPSKPLLSR TINLTAIFPD RKAFVGFSAA TGSSISNQYI LGWSFSRSRR LLKSLDISEL STVPLFTEQK RKRSP
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	73,887 Da
Sequence Positions	25-295
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 Q7FK82
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LECRK12 recombinant protein	MBS1418906 is a recombinant protein targeting LECRK12. Also known as Recombinant Arabidopsis thaliana Probable L-type lectin-domain containing receptor kinase I.2 (LECRK12), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LECRK12 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 LECRK12. It may not necessarily be applicable to this product.

NCBI GI #	1063708348
NCBI GeneID	823677
NCBI Accession #	NP_001319689.1

UniProt Primary Accession #	Q7FK82
UniProt Secondary Accession #	F4J5K3
UniProt Related Accession #	Q7FK82
GenBank Nucleotide #	NM_001339204.1
NCBI Official Full Name	LOW protein: L-type lectin-domain receptor kinase-like protein
NCBI Official Symbol	AT3G45390
NCBI Official Synonym Symbols	L-type lectin receptor kinase I.2; LecRK-I.2
UniProt Protein Name	Probable L-type lectin-domain containing receptor kinase I.2
Protein Family	Probable L-type lectin-domain containing receptor kinase
UniProt Gene Name	LECRK12
UniProt Synonym Gene Names	LecRK-I.2
NCBI Protein Information	LOW protein: L-type lectin-domain receptor kinase-like protein
UniProt Comments for LECRK12	Involved in resistance response to the pathogenic fungus Alternaria brassicicola.
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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