GDSL Esterase/Lipase EXL2 (EXL2) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDSL esterase/lipase EXL2 (EXL2), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana GDSL esterase/lipase EXL2 (EXL2)
Product Gene Name	EXL2 recombinant protein
Product Synonym Gene Name	EXL2
Sequence	LVKQPPNETT PAIIVFGDSI VDAGNNDDIM TTLARCNYPP YGIDFDGGIP TGRFCNGKVA TDFIAGKFGI KPSIPAYRNP NLKPEDLLTG VTFASGGAGY VPFTTQLSTY LFIYKPLLFL KGGIALSQQL KLFEEYVEKM KKMVGEERTK LIIKNSLFMV ICGSNDITNT YFGLPSVQQQ YDVASFTTLM ADNARSFAQK LHEYGARRIQ VFGAPPVGCV PSQRTLAGGP TRNCVVRFND ATKLYNVKLA ANLGSLSRTL GDKTIIYVDI YDSLLDIILD PRQYGFKVVD KGCCGTGLIE VALLCNNFAA DVCPNRDEYV FWDSFHPTEK TYRIMATKYF ERYV
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	40,486 Da
Sequence Positions	36-379, 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 Q94CH7
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EXL2 recombinant protein	MBS1425394 is a recombinant protein targeting EXL2. Also known as Recombinant Arabidopsis thaliana GDSL esterase/lipase EXL2 (EXL2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EXL2 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 EXL2. It may not necessarily be applicable to this product.

NCBI GI #	145327707
NCBI GeneID	843922
NCBI Accession #	NP_001077829.1
UniProt Primary Accession #	Q94CH7
UniProt Secondary Accession #	Q1PFC9; Q9LQS6; A0MEG6

UniProt Related Accession #	Q94CH7
GenBank Nucleotide #	NM_001084360.1
NCBI Official Full Name	GDSL-like Lipase/Acylhydrolase superfamily protein
NCBI Official Symbol	AT1G75890
NCBI Official Synonym Symbols	T4O12.240; T4O12_240
UniProt Protein Name	GDSL esterase/lipase EXL2
UniProt Synonym Protein Names	Family II extracellular lipase 2; Family II lipase EXL2
Protein Family	GDSL esterase/lipase
UniProt Gene Name	EXL2
UniProt Synonym Gene Names	Family II lipase EXL2
NCBI Protein Information	GDSL-like Lipase/Acylhydrolase superfamily protein
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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