GDSL Esterase/Lipase EXL1 (EXL1) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDSL esterase/lipase EXL1 (EXL1), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana GDSL esterase/lipase EXL1 (EXL1)
Product Gene Name	EXL1 recombinant protein
Product Synonym Gene Name	EXL1
Sequence	LVKIPKNTTV PAVIVFGDSI VDAGNNDDMI TEARCDYAPY GIDFDGGVAT GRFSNGKVPG DIVAEELGIK PNIPAYRNPN LKPEELLTGV TFASGGAGYV PLTTKIAVGG IPLPQQLIYF EEYIEKLKQM VGEKRTKFII KNSLFVVICG SNDIANDFFT LPPVRLHYTV ASFTALMADN ARSFAQTLYG YGARRILVFG APPIGCVPSQ RTVAGGPTRD CVARFNDAAK LFNTKLSANI DVLSRTLQDP TIIYIDIYSP LLDLILNPHQ YGFKVANKGC CGTGLIEVTA LCNNYTASVC PIRSDYVFWD SFHPTEKAYR IIVAKLLDRY LNRFF
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	41,235 Da
Sequence Positions	41-375, 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 Q94CH8
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EXL1 recombinant protein	MBS1325131 is a recombinant protein targeting EXL1. Also known as Recombinant Arabidopsis thaliana GDSL esterase/lipase EXL1 (EXL1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EXL1 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 EXL1. It may not necessarily be applicable to this product.

NCBI GI #	18410954
NCBI GeneID	843921
NCBI Accession #	NP_565120.1
UniProt Primary Accession #	Q94CH8
UniProt Secondary Accession #	Q84K55; Q9LQS6

UniProt Related Accession #	Q94CH8
GenBank Nucleotide #	NM_106238.4
NCBI Official Full Name	SGNH hydrolase-type esterase superfamily protein
NCBI Official Symbol	AT1G75880
NCBI Official Synonym Symbols	T4O12.12; T4O12_12
UniProt Protein Name	GDSL esterase/lipase EXL1
UniProt Synonym Protein Names	Family II extracellular lipase 1; Family II lipase EXL1
Protein Family	GDSL esterase/lipase
UniProt Gene Name	EXL1
UniProt Synonym Gene Names	Family II lipase EXL1
NCBI Protein Information	SGNH hydrolase-type esterase 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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