GDSL Esterase/Lipase At5g18430 (AT5G18430) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDSL esterase/lipase At5g18430 (At5g18430), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana GDSL esterase/lipase At5g18430 (At5g18430)
Product Gene Name	At5g18430 recombinant protein
Product Synonym Gene Name	At5g18430
Sequence	GPIVVEGRAF FVFGDSLVDS GNNNYLVTTA RADSPPYGID FPTRRPTGRF SNGLNIPDLI SEAIGNEEPP LPYLSPELRG RSLLNGANFA SAGIGILNDT GFQFINIIRM YQQLDYFQQY QQRVSRLIGK PQTQRLVSQA LVLITVGGND FVNNYFLFPY SARSRQFTLP DYVRLLISEY KKILLRLNSL GVGRVLVTGA GPLGCAPAEL ARSGTSNGRC SAELQRAASL YDPQLLQMIN ELNKKIGRNV FIAANTNQMQ EDFLSTPRRY GFVTSKVACC GQGPYNGMGL CTVLSNLCPN RELYVFWDAF HPTEKANRMI VRHILTGTTK YMNPMNLSSA LAL
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	40,123 Da
Sequence Positions	20-362, 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 Q5PNZ0
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At5g18430 recombinant protein	MBS1334161 is a recombinant protein targeting At5g18430. Also known as Recombinant Arabidopsis thaliana GDSL esterase/lipase At5g18430 (At5g18430). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At5g18430 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 At5g18430. It may not necessarily be applicable to this product.

NCBI GI #	42567935
NCBI GeneID	831961
NCBI Accession #	NP_197344.2
UniProt Primary Accession #	Q5PNZ0

UniProt Related Accession #	Q5PNZ0
GenBank Nucleotide #	NM_121848.4
NCBI Official Full Name	GDSL-like Lipase/Acylhydrolase superfamily protein
NCBI Official Symbol	AT5G18430
NCBI Official Synonym Symbols	F20L16.150; F20L16_150
UniProt Protein Name	GDSL esterase/lipase At5g18430
UniProt Synonym Protein Names	Extracellular lipase At5g18430
Protein Family	GDSL esterase/lipase
UniProt Gene Name	At5g18430
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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