GDSL Esterase/Lipase At2g31550 (AT2G31550) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	GDSL esterase/lipase At2g31550 (At2g31550), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana GDSL esterase/lipase At2g31550 (At2g31550)
Product Gene Name	At2g31550 recombinant protein
Product Synonym Gene Name	At2g31550
Sequence	TTKPLFPAIL IFGDSTVDTG NNNYPLPTIF RAEHFPYGMD LPDGKANGRF SNGKLISDII ATKLNIKEFI PPFLQPNLSD QDILTGVCFA SAGAGYDDLT SLSTQAIRVS EQPNMFKSYI ARLKGIVGDK KAMEIINNAF VVVSAGPNDF ILNYYDIPSR RLEYPFISGY QDFILKRLEN FVRELYSLGV RNVLVGGLPP MGCLPIHMTA KFRNIFRFCL EHHNKDSVLY NEKLQKLLPQ IEASLPGSKF LYADVYNPMM EMIQNPSKYG FKETKRGCCG TGFLETSFMC NVFSPVCQNR SEFMFFDSIH PSEATYNVIG NRLDPLIRGK FQA
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	40,203 Da
Sequence Positions	28-360, 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 Q9SIQ2
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At2g31550 recombinant protein	MBS1350082 is a recombinant protein targeting At2g31550. Also known as Recombinant Arabidopsis thaliana GDSL esterase/lipase At2g31550 (At2g31550). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At2g31550 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 At2g31550. It may not necessarily be applicable to this product.

NCBI GI #	18402700
NCBI GeneID	817713
NCBI Accession #	NP_029729.1
UniProt Primary Accession #	Q9SIQ2

UniProt Secondary Accession #	F4IQV9
GenBank Nucleotide #	NM_128712.2
NCBI Official Full Name	SGNH hydrolase-type esterase superfamily protein
NCBI Official Symbol	AT2G31550
NCBI Official Synonym Symbols	T9H9.7; T9H9_7
UniProt Protein Name	GDSL esterase/lipase At2g31550
UniProt Synonym Protein Names	Extracellular lipase At2g31550
Protein Family	GDSL esterase/lipase
UniProt Gene Name	At2g31550
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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