Flotillin-Like Protein 2 (FLOT2) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flotillin-like protein 2 (FLOT2), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Flotillin-like protein 2 (FLOT2)
Product Gene Name	FLOT2 recombinant protein
Product Synonym Gene Name	FLOT2
Sequence	MFKVARASQY LAITGGGIED IKLSKKSWVF PWQRCTVFDV SPVNYTFKVQ AMSAEKLPFV LPAVFTIGPR VDDTEALILY ARLISPHDKQ SNHVNELVEG VIEGETRVLA ASMTMEEIFK GTKEFKKEVF DKVQLELDQF GLVIYNANVK QLVDVPGHEY FSYLGQKTQM EAANQARIDV AEAKMKGEIG AKERTGLTLQ NAAKIDAESK IISMQRQGEG TKAEIKVKTE VKVFENQKEA DVAKANSELA MKKAAWTKDA KVAEVEATKA VALREAELQT QVEKMNALTR TEKLKAEFLS KASVEYETKV QEANWELYNK QKQAEAVLYE KQKQAEAQKA EADATFYSKQ KEAEGLVALA SAQGTYLRTL LDAVQNDYSC LRDFLMINNG TYQEIAKTNA LAVRDLQPKI SVWNHGGEQG IGGASGSGMK DIAGLYKMLP PVLDTVYEQT GMQPPAWIGT LSK
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	51,419 Da
Sequence Positions	1-463, 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 Q4V3D6
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FLOT2 recombinant protein	MBS1425390 is a recombinant protein targeting FLOT2. Also known as Recombinant Arabidopsis thaliana Flotillin-like protein 2 (FLOT2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FLOT2 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 FLOT2. It may not necessarily be applicable to this product.

NCBI GI #	15238751
NCBI GeneID	832597
NCBI Accession #	NP_197908.1
UniProt Primary Accession #	Q4V3D6

UniProt Related Accession #	Q4V3D6
GenBank Nucleotide #	NM_122435.5
NCBI Official Full Name	SPFH/Band 7/PHB domain-containing membrane-associated protein family
NCBI Official Symbol	AT5G25260
NCBI Official Synonym Symbols	F21J6.109; F21J6_109
UniProt Protein Name	Flotillin-like protein 2
UniProt Synonym Protein Names	Nodulin-like protein 2
Protein Family	Flotillin-like protein
UniProt Gene Name	FLOT2
NCBI Protein Information	SPFH/Band 7/PHB domain-containing membrane-associated protein family
UniProt Comments for FLOT2	May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles.
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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