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Datasheet for ABIN1633355

Flotillin-like protein 1 Protein (FLOT1) (AA 1-470) (His tag)

Overview

Quantity:	1 mg
Target:	Flotillin-like protein 1 (FLOT1)
Protein Characteristics:	AA 1-470
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Flotillin-like protein 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MFKVARASQY LAITGAGIED IKLSKKSWWF PWQSCTVFDV SPVNYTFKVQ AMSAEKLPFV LPAVFTIGPR VDDDDALILY ARLISPHDKD SNHVHELVEG VIEGETRVLA ASMTMEEIFK GTKEFKKEVF DKVQLELNQF GLVIYNANVK QLVDVPGHEY FSYLGQKTQM EAANQARIDV SEAKMKGEIG AKERTGLTLQ NAAKIDAESK IISMQRQGEG TKEEIKVRTE VKVFENQKEA DVAKANAELA MKKAAWTKDA QVAEVEATKA VALREAELQT QVEKMNALTR TEKLKAEFLS KASVEYETKV QEANWELYNK QKQAEAVLYE KQKQAEAQKA QADAAFYSKQ KEAEGVALA SAQGTYLRTL LDAVQNDYSC LRDFLMINNG IYQEIAKTNA MAVRDLQPKI SVWNHGGEQG GGSGNAMKDI AGLYKMLPPV LDTVYEQTGM QPPAWIGTLR GAEPKQVTRS
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Flotillin-like protein 1 (FLOT1)

Abstract: [FLOT1 Products](#)

Background: Recommended name: Flotillin-like protein 1.
Short name= AtFLOT1.
Alternative name(s): Nodulin-like protein 1

UniProt: [Q501E6](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.