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Datasheet for ABIN1630469

MTMR12 Protein (AA 1-748) (His tag)

Overview

Quantity:	1 mg
Target:	MTMR12
Protein Characteristics:	AA 1-748
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MLGKGGVGGG GGTKAPKPSF VSYVRPEEIH TNEKEVTEKE EVTLHLLPGE QLLCEASTVL
KYVQEDSCQL GICGRLVCTD FRISFLGDEG SAVDNGAETH FKNKIIGVND IPLHCVDQIY
GVFDEKKKPL FGQLKKYPEK LVIHCKDLRV LHFCLRYTKE EEVKRIVSGI IHHTQSPKLL
KRLFLFSYAA AVHGTAADPR NCTVMFDTPK DWCWELERTK GSVKYKTVSV NEGYRVCDRL
PAYFVVPTPL LEDDVKRFQG RGIPIWCWSC HNGSALLKMS ALPKEQDDSA LQIQKSFLDG
IYKTIHRPPY EMVKTEDLSS NFLSLQEIQS SYCKFKQLFL IDSSSEFWDT DVKWFSLLES
SGWLDIIRRC LKRAIEIIEC LEAQNMINVLL LEENASDLCC LLSSLVQVMM DAHCRTWTGF
QSLIQKEWVM GGHSFLDRCN HLHQSDKEEV PVFLLFLDCV WQLVHQHPPA FEFTETYLTV
LSDSLYIPIF STFFFNSPHQ KDTNMGRESL DAQSKPLTLL TVWDWSVQFE PKAQTLRNP
LYVEKPKLDK GQRKGSRFKH QRQLSLPLTQ SKSSPKRGFF REETDHLIKN LLGKRISKLI
NSSDDLQDNS REFYDNWHSK PTDYHGLLL P HIEGPEIKVW AQRYLRWIPE AQILGGGRVA
TMGKLEMMME EVQSLQEIE ARHHRQEAIH VQAPGLLRNS ARLSSLFPFA MHQRHSAKPV

Product Details

LPTSGWKALG GEDDLAKRED EFVDLGDV

Specificity: Rattus norvegicus (Rat)

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.

Purity: > 90 %

Target Details

Target: MTMR12

Alternative Name: Myotubularin-related protein 12 (Mtmr12) ([MTMR12 Products](#))

Background: Recommended name: Myotubularin-related protein 12.
Alternative name(s): Phosphatidylinositol 3-phosphatase-associated protein

UniProt: [Q5FVM6](#)

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

Handling

one week

Storage: -20 °C

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