Datasheet for ABIN1616771

MIDN Protein (AA 1-453) (His tag)

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Overview

Quantity:	1 mg
Target:	MIDN
Protein Characteristics:	AA 1-453
Origin:	Xenopus tropicalis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIDN protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEQQPSVPRS CTNVARETPM NLNIQSTTGT RYELSVPPDE TVDGLKRRIS QRLKVPKERL TLLHRETRLS SGKLQDLGIS DGSRLTLLPS VEAGLMSQMS RPEQSVMQAL ESLTETQVND FLSGRSPLTL ALRVGDHMMF VQLQLAAQQS GASHLQHRHV ITRGAEAGAS PQYRTLHTST SALSHLASCT PGSTPPTTLS PTASTHRDGP HSSPLTTSVF RSHGEGVAVS PCAEQVPCSS RGTEGTSSSA SSRSRKPGAI IESFVNHAPG VFSGTFSGTL HPHCQDSAGR PRRDIGTILQ ILNDLLSATR HYQGMPPSLT TLRCHTQCAS QARNPKATSP QSSEPQQTTH PVGHCQAQTR TCKPSGDRLR QTENRATRCK VERLQLLMHQ KRLRRKARRD SRAPYHWMPT RKSSRTSSNS STSSGEGSLE IDFEDSLWKP DVKAELNSEF VVA
Specificity:	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	MIDN
Abstract:	MIDN Products
Background:	Recommended name: Midnolin. Alternative name(s): Midbrain nucleolar protein
UniProt:	Q5EB28

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 modificated 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.