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Datasheet for ABIN1617123 MPND Protein (AA 1-458) (His tag)

Overview

Quantity:	1 mg
Target:	MPND
Protein Characteristics:	AA 1-458
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPND protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MGSEPPSSPQ VVEEGADEED EELSGAEDAD LRSSSGRGS LTRRGITLRV LLKDGLVEPG</p> <p>DGVLSIHYLG KKFVGDLLND GKIRWVETGQ IFNSPSAWAT HCKRLVNPAA KSGCGWASVR</p> <p>YRGQKLQYK TTWLHKYQPS ADMSLISEGE DDEMGDDDEE EGKTTIPVED KNKKSKEPLH</p> <p>EIGLTQRRDR ERIPVRYCTL GTRDAARDPH TLVELSAFSA INRFQPFNVA VSSNVLLLMD</p> <p>FHCHLTSSEV VGYLGGRWDT NTQLLTVLRA FPCRTRLADK DAAPAVEEEE CQNLFMRLS</p> <p>LVGWYHSHPR GPALPSLQDI DSQMDHQLRL QGSSNGFQPC LGIICGPYYH GNQGVASTIT</p> <p>PFWVVPPEQ RPNDHGIPVA VEVTVYQDNF LTDDVLNEMM LLVEFYRSAP DLVQFSQMWS</p> <p>PNTSILDKIK ASLSGHAPKD QAYAQILEHV YNQLRNTQ</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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: MPND

Alternative Name: MPN domain-containing protein (mpnd) ([MPND Products](#))

Background: Recommended name: MPN domain-containing protein.
EC= 3.4.-.-

UniProt: [Q08CH3](#)

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 modiflicated 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.