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Datasheet for ABIN1674028

MIER1 Protein (AA 1-495) (His tag)

Overview

Quantity:	1 mg
Target:	MIER1
Protein Characteristics:	AA 1-495
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIER1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAEPSLRTAS PGGSAASDDH EFEPSADMLV HEFDDEQTL EEEMLGEVN FTSEIEHLER ESEMPIDELL RLYGYGSTVP LPGEEEEDEE DMDNDCNSGC SGEIKDEAIK DSSGQEDETQ SSNDPTPSF TCRDVREVIR PRRCKYFDTN HEIEEESDD EDYVPSEDWK KEIMVGSMFQ AEIPVGICKY RETEKVYEND DQLLWDPEYV MEERVIDFLN EASRRTCEER GLDAIPEGSH IKDNEQALYE LVKCNFDTEE ALRRLRFNVK AAREELSVWT EEECRNFEQG LKAYGKDFHL IQANKVRTRS VGECVAFYYM WKKSERYDFF AQQTRFGKKK YNLHPGVTDY MDRLLDESES ATSSRAPSPPTTNSNTSQ SEKEDCTASN NTQNGVSVNG PCAITAYKDE AKQGVHLNGP TISSSDPSSN ETDNGYNRE NVTDDSRFSH TSGKTDNPD DTNERPIKRQ RMDSPGKEST GSSEFSQEVF SHGEV
Specificity:	Xenopus laevis (African clawed frog)
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: MIER1

Alternative Name: Mesoderm induction early response protein 1 (mier1) ([MIER1 Products](#))

Background: Recommended name: Mesoderm induction early response protein 1.
Short name= Early response 1.
Short name= Er1.
Short name= Mi-er1.
Short name= Xmi-er1

UniProt: [Q7T105](#)

Pathways: [Chromatin Binding](#)

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

Handling

Storage: -20 °C

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