Datasheet for ABIN1678352

FMR1 Protein (AA 1-593) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	FMR1
Protein Characteristics:	AA 1-593
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FMR1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEELVVEVRG SNGAFYKAFV KDVHEDSITV AFENNWQPER QIPFHDVRFP PPVGYNKDIN ESDEVEVYSR ANEKEPCCWW LAKVRMIKGE FYVIEYAACD ATYNEIVTIE RLRSVNPNKP ATKDTFHKIK LEVPEDLRQM CAKESAHKDF KKAVGAFSVT YDPENYQLVI LSINEVTSKR AHMLIDMHFR SLRTKLSLIL RNEEASKQLE SSRQLASRFH EQFIVREDLM GLAIGTHGAN IQQARKVPGV TAIDLDEDTC TFHIYGEDQD AVKKARSFLE FAEDVIQVPR NLVGKVIGKN GKLIQEIVDK SGVVRVRIEA ENEKSVPQEE ENLPPSSLPS NNSRVGSNSS EEKKHLDTKE NTHFSQPNST KVQRGMVPFV FVGTKDSIAN ATVLLDYHLN YLKEVDQLRL ERLQIDEQLR QIGASSRPPP NRTDKEKGYV TDDGQGMGRG SRPYRNRGHG RRGPGYTSGT NSEASNASET ESDHRDELSD WSLAPTEEER ESFLRRGDGR RRGGGGRGQG GRGRGGGFKG NDDHSRTDNR PRNPRETKGR TTDGSLQSTS SEGSRLRTGK DRNQKKEKPD SVDGLQPLVN GVP
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	FMR1
Alternative Name:	Fragile X mental retardation protein 1 homolog (Fmr1) (FMR1 Products)
Background:	Recommended name: Fragile X mental retardation protein 1 homolog. Short name= FMRP. Short name= Protein FMR-1
UniProt:	Q80WE1
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

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

Handling

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