

Datasheet for ABIN7590700
FMR1 Protein (AA 1-593) (His tag)



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Overview

Quantity:	100 µg
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:	<p>MEELVVEVRG SNGAFYKAFV KDVHEDSITV AFENNWQPER QIPFHDVRFPPVGYNKDIN</p> <p>ESDEVEVYSR ANEKEPCCWW LAKVRMIKGE FYVIEYAACD ATYNEIVTIE RLRSVNPKNP</p> <p>ATKDTFHKIK LEVPEDLRQM CAKESAHKDF KKA VGAFSVT YDPENYQLVI LSINEVTSKR</p> <p>AHMLIDMHFR SLRTKLSLIL RNEEASKQLE SSRQLASRFH EQFIVREDLM GLAIGTHGAN</p> <p>IQQARKVPGV TAIDLDEDTCTFHIYGEDQD AVKKARSFLE FAEDVIQVPR NLVGKVGIGKN</p> <p>GKLIQEIVDK SGVVRVRIEA ENEKSVPQEE ENLPPSSLPS NNSRVGSNSS EEKKHLDTKE</p> <p>NTHFSQPNST KVQRGMVPFV FVGTKDSIAN ATVLDDYHLN YLKEVDQLRL ERLQIDEQLR</p> <p>QIGASSRPPP NRTDKEKGYV TDDGQGMGRG SRPYRNRGHG RRGPGYTS GT NSEASNASET</p> <p>ESDHRDELS DWSLAPTEEER ESFLRRGDGR RRGGGGRGQG GRGRGGGFKG NDDHSRTDNR</p> <p>PRNPRETKGR TTDGSLQSTS SEGSRRLRTGK DRNQKKEKPD SVDGLQPLVN GVP</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

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 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.