

Datasheet for ABIN1678352  
**FMR1 Protein (AA 1-593) (His tag)**



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## 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 QIPFHDVRFPPVGYNKDIN ESDEVEVYSR ANEKEPCCWW LAKVRMIKGE FYVIEYAACD ATYNEIVTIE RLRSVNPKNP ATKDTFHKIK LEVPEDLRQM CAKESAHKDF KKA VGAFSVT YDPENYQLVI LSINEVTSKR AHMLIDMHFR SLRTKLSLIL RNEEASKQLE SSRQLASRFH EQFIVREDLM GLAIGTHGAN IQQARKVPGV TAIDLDEDTCTFHIYGEDQD AVKKARSFLE FAEDVIQVPR NLVGKVIKGN GKLIQEIVDK SGVVRVRIEA ENEKSVPQEE ENLPPSSLPS NNSRVGSNSS EEKHLDTKE 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

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cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

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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

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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

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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

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Storage: -20 °C

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