



[Go to Product page](#)

Datasheet for ABIN1629488

## MUS81 Protein (AA 1-551) (His tag)

### Overview

Quantity:	1 mg
Target:	MUS81
Protein Characteristics:	AA 1-551
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MUS81 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MAEPVRLGRK RPLPVCNPL FVRWLTEWRD EAASRGRHTR FVFQKALRSL QRYPLPLRNG</p> <p>KEAKILQHFG DRLCRMLDER LKEHLASGGD HAPSSPSGKK RASKGPPAQV QGSSMPVPTQ</p> <p>PQAGSTNAGY WPAQNSGARE ILLQLYREHL NSDGHSLTK EELLQKCAQK TPRVVPESR</p> <p>PWPALRGLLH RNLVLRTHRP ARYALTPEGL ELAQKLAEAE GLSTLNTAFQ PEEHHEESPV</p> <p>PEAILSEPGT TEVGVQQRPL ELRPSEYRVL LCVDIGETRG AGHRPEMLRE LQRLRPHTV</p> <p>RKLHVGDFVW VAQETRPRDP ERPGELVLDH IVERKRLLDL CSSIIDGRFR EQKFRLKRCG</p> <p>LGHRIYLVVEE HGSVQNLSLP ESTLLQAVTN TQVIDGFFVK RTMDIKESAG YLALLTKGLE</p> <p>RLYQGHTLHS RPWGTPGDAE SEAKPSTNPL CSLLTFSDFN AEA VKNKAQS VREVFARQLM</p> <p>QVRGLSGEKA AALVDRYSTP ASLLAAYDAC ATTKEQEMLL STVKCGRLQR NLGPALSRTL</p> <p>YQLYCSHSPL T</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: MUS81

Alternative Name: Crossover junction endonuclease MUS81 (Mus81) ([MUS81 Products](#))

Background: Recommended name: Crossover junction endonuclease MUS81.  
EC= 3.1.22.-

UniProt: [Q4KM32](#)

Pathways: [DNA Damage Repair](#)

## 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

## Handling

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