Datasheet for ABIN7589590

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

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Overview

Quantity:	100 µg
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:	MAEPVRLGRK RPLPVCPNPL FVRWLTEWRD EAASRGRHTR FVFQKALRSL QRYPLPLRNG KEAKILQHFG DRLCRMLDER LKEHLASGGD HAPSSPSGKK RASKGPPAQV QGSSMPVPTQ PQAGSTNAGY WPAQNSGARE ILLQLYREHL NSDGHSFLTK EELLQKCAQK TPRVVPESSR PWPALRGLLH RNLVLRTHRP ARYALTPEGL ELAQKLAEAE GLSTLNTAFQ PEEHHEESPV PEAILSEPGT TEVGVQQRPL ELRPSEYRVL LCVDIGETRG AGHRPEMLRE LQRLRVPHTV RKLHVGDFVW VAQETRPRDP ERPGELVLDH IVERKRLDDL CSSIIDGRFR EQKFRLKRCG LGHRIYLVEE HGSVQNLSLP ESTLLQAVTN TQVIDGFFVK RTMDIKESAG YLALLTKGLE RLYQGHTLHS RPWGTPGDAE SEAKPSTNPL CSLLTFSDFN AEAVKNKAQS VREVFARQLM QVRGLSGEKA AALVDRYSTP ASLLAAYDAC ATTKEQEMLL STVKCGRLQR NLGPALSRTL YQLYCSHSPL T
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:	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 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
Storage:	-20 °C

Handling

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