



[Go to Product page](#)

Datasheet for ABIN1473757

## MLH1 Protein (AA 1-757) (His tag)

### Overview

Quantity:	1 mg
Target:	MLH1
Protein Characteristics:	AA 1-757
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MLH1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MSFVAGVIRR LDETVDNR A AGEVIQRPAN AIKEMTENCL DAKSTNIQVI VREGGLKLIQ</p> <p>IQDNGTGIRK EDLDIVCERF TTSKLQTFED LAMISTYGFR GEALASISHV AHVTITTKTA</p> <p>DGKCAYRASY SDGKLQAPPK PCAGNQGTLI TVEDLFYNII TRKKALKNPS EEEYKILEVV</p> <p>GRYSIHNSGI SFSVKKQGET VSDVRTL PNA TTVDNIRSIF GNAVSRELIE VGCEDKT LAF</p> <p>KMNGYISNAN YSVKKCIFLL FINHRLVESA ALKKAIEAVY AAYLPKNTHP FLYLILEISP</p> <p>QNVDVNVHPT KHEVHFLHEE SILERVQQHI ESKLLGSNSS RMYFTQTLLP GLAGPSGEAV</p> <p>KSTTGIASSS TSGSGDKVHA YQMVRTDSRD QKLDAFMQPV SRRLPSQPQD PVPGNRTEGS</p> <p>PEKAMQKDQE ISELPAPMEA AADSASLERE SVIGASEVVA PQRHPSSPGS SRKRHPEDSD</p> <p>VEMMENDSRK EMTAACYPRR RIINLTSVLS LQEEINDRGH ETLREMLRNH TFVGCVPNPQW</p> <p>ALAQHQT KLY LLNTTKLSEE LFYQILIYDF ANFGVLR LPE PAPLDFD FAML ALDSPESGWT</p> <p>EEDGPKEGLA EYIVEFLKKK AKMLADYFSV EIDEEGNLIG LPLLIDSYVP PLEGLPIFIL</p> <p>RLATEVNWDE EECFESLSKE CAVFYSIRKQ YILEESALSG QQSDMPGSPS KPWKWTVEHI</p>
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## Product Details

IYKAFRSHLL PPKHFTEDGN VLQLANLPDL CKVFERC

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: MLH1

Alternative Name: DNA mismatch repair protein Mlh1 (Mlh1) ([MLH1 Products](#))

Background: Recommended name: DNA mismatch repair protein Mlh1.  
Alternative name(s): MutL protein homolog 1

UniProt: [P97679](#)

Pathways: [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#)

## 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

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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.