



Recombinant Rat DNA mismatch repair protein Mlh1 (Mlh1)

Product Code	CSB-MP014624RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97679
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MSFVAGVIRR LDETVVNRIA AGEVIQRPAN AIKEMTENCL DAKSTNIQVI VREGGLKLIQ IQDNGTGIRK EDLDIVCERF TTSKLQTFED LAMISTYGFR GEALASISHV AHVTITTKTA DGKCAIRASY SDGKLQAPPK PCAGNQGTLI TVEDLFYNII TRKKALKNPS EEYGKILEVV GRYSIHNSGI SFSVKKQGET VSDVRTLPNA TTVDNIRSIF GNAVSRELIE VGCEDKTALF KMNGYISNAN YSVKKCIFLL FINHRLVESA ALKKAIEAVY AAYLPKNTHP FLYLILEISP QNVDVNVHPT KHEVHFLHEE SILERVQQHI ESKLLGSNSS RMYFTQTLTP GLAGPSGEAV KSTTGIASSS TSGSGDKVHA YQMVRTDSRD QKLDAFMQPV SRRLPSQPQD PVPGNRTEGS PEKAMQKDQE ISELPAPMEA AADSASLERE SVIGASEVVA PQRHPSSPGS SRKRHPEDSD VEMMENDSRK EMTAACYP RIINLTSVLS LQEEINDRGH ETLREMLRNH TFGVCVNPQW ALAQHQT LLNTTKLSEE LFYQILYDF ANFGVLRPE PAPLDFDFAML ALDSPESGWT EEDGPKEGLA EYIVEFLKKK AKMLADYFSV EIDEEGNLIG LPLLIDSYVP PLEGLPIFIL RLATEVNWDE EECFESLSKE CAVFYSIRKQ YILEESALSG QQSDMPGSPS KPWKWTVEHI IYKAFRSHLL PPKHFTEDGN VLQLANLPDL CKVFERC
Source	Mammalian cell
Target Names	Mlh1
Protein Names	Recommended name: DNA mismatch repair protein Mlh1 Alternative name(s): MutL protein homolog 1
Expression Region	1-757
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.