



Recombinant Rat DNA mismatch repair protein Mlh1 (Mlh1)

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| Product Code | CSB-YP014624RA |
| 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 VGCEDKTLAF KMNGYISNAN YSVKKCIFLL FINHRLVESA ALKKAIEAVY AAYLPKNTHP FLYLILEISP QNVDVNVHPT KHEVHFLHEE SILERVQQHI ESKLLGSNSS RMYFTQTLIP GLAGPSGEAV KSTTGIASSS TSGSGDKVHA YQMVRTDSRD QKLDAFMQPV SRRLPSQPQD PVPGNRTEGS PEKAMQKDQE ISELPAPMEA AADSASLERE SVIGASEVVA PQRHPSSPGS SRKRHPEDSD VEMMENDSRK EMTAACYP RR RIINLTSVLS LQEEINDRGH ETLREMLRNH TFGVCVNPQW ALAQHQTKLY LLNTTKLSEE LFYQILYDF ANFGVLRPE PAPLDFDFAML ALDSPESGWT EEDGPKEGLA EYIVEFLKKK AKMLADYFSV EIDEEGNLIG LPLLIDSYVP PLEGLPIFIL RLATEVNWDE EECFESLSKE CAVFYSIRKQ YILEESALSG QQSDMPGSPS KPWKWTVEHI IYKAFRSHLL PPKHFTEDGN VLQLANLPDL CKVFERC |
| Source | Yeast |
| 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.