# Recombinant Human MLH1 protein, His-tagged

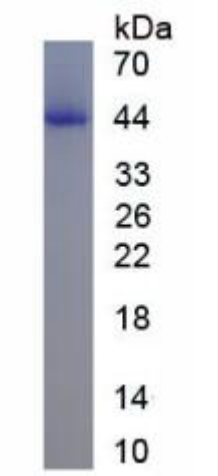
**Cat. No.** MLH1-1290H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human MLH1 protein(Met1~Thr347), fused with N-terminal His Tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Met1~Thr347 |
| **Form** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 44kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 97% |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Reconstitution** | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

## GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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|---|---|
| **Gene Name** | MLH1 mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) [ Homo sapiens ] |
| **Official Symbol** | MLH1 |
| **Synonyms** | MLH1; mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli); COCA2, mutL (E. coli) homolog 1 (colon cancer, nonpolyposis type 2); DNA mismatch repair protein Mlh1; FCC2; HNPCC; HNPCC2; COCA2; hMLH1; MGC5172; |
| **Gene ID** | 4292 |
| **mRNA Refseq** | NM_000249 |
| **Protein Refseq** | NP_000240 |
| **MIM** | 120436 |
| **UniProt ID** | P40692 |
| **SDS-PAGE** |  |



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