

MutL Homolog 1 (MLH1) Recombinant Protein | MLH1 recombinant protein

Recombinant MutL Homolog 1 (MLH1)

CATALOG # AAA153687	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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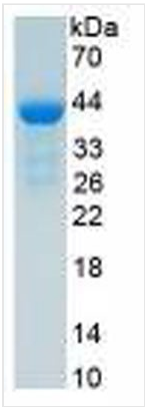
PRODUCT SYNONYMS

MutL Homolog 1 (MLH1); Recombinant MutL Homolog 1 (MLH1); MutL Homolog 1; MLH1 recombinant protein (prokaryotic); Human; COCA2; FCC2; HNPCC; HNPCC2; hMLH1; DNA mismatch repair protein Mlh1; MLH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for MLH1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Thr347
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	8.5
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

MSFVAGVIRRLDETVDNRIAAGEVIQRANAIKENICLDAKSTSIQIVKEGGLKIQIQMGIRKEDLIVCERFTTSKLQSF
EDLASISTYGRGEALASISHVAHNTITTKTADGKCAVRASYDGKLAAPPKPCAGHQGTQITVEDLFYNIAIRKALKNPSEYVKI
LEVHGRYSVHAGISFSVKKQGETVADVRITLPHASTVDNIRSIQWANSRELEIGCCDKTLAFKPHGYISNAHYSVKCIEFLFIMH
RLVESTSLKAIEIVAAVLPKNTHPFLYLSLEISPDQWVNNHPTKHEVHFLHEESTLERVQGHIESKLLGSSSSHYFTQT

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MLH1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557757
NCBI GeneID	4292
NCBI Accession #	NP_000240.1
NCBI GenBank Nucleotide #	NM_000249.3
UniProt Accession #	P40692; B4DI13
Molecular Weight	Predicted Molecular Mass: 42.3kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	DNA mismatch repair protein Mlh1 isoform 1
NCBI Official Synonym Full Names	mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli)
NCBI Official Symbol	MLH1
NCBI Official Synonym Symbols	FCC2; COCA2; HNPCC; hMLH1; HNPCC2
NCBI Protein Information	DNA mismatch repair protein Mlh1
UniProt Protein Name	DNA mismatch repair protein Mlh1
UniProt Gene Name	MLH1
UniProt Synonym Gene Names	COCA2
UniProt Entry Name	MLH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.