

Recombinant DNA mismatch repair protein MutL (mutL)

Catalog No.: TP11317

100µg

Sequence Information

Species: E.coli

Gene ID:948691

Swiss Prot:P23367

Synonyms:MUTL

Residues:Met1-Glu615

MPIQVLPPQLANQIAAGEVVERPASVVKELVENS LDAGATRIDIDI ERGGAKLI
RIRDNGCGIKKDELALALARHATSKIASLDDLEAIISLGFRGEALASISSVSRL
TLTSRTAEQQEAWQAYAEGRDMNVTVKPAAHPVGTTLLEVLDLFYNT PARRKFLR
TEKTEFNHIDEIIRRIARLAFDVTINLSHNGKIVRQYRAVPEGGQKERRLGAIC
GTAFLEQALAI EWQHGD LTRGWADPNHTTPALAEIQCYVNGRMMRDRLINH
AIRQACEDKLGADQQPAFVLYLEIDPHQVDVNVHPAKHEVRFHQSR LVHDFIYQ
GVL SVLQQQLETP LPLDDEPQPAPRSIPENRVAAGR NHFAEPAAREPVAPRYTP
APASGSRPAAPWPNAQPGYQKQQGEVYRQLLQTPAPMQKLKAPEPQEPALAANS
QSFGRVLTIVHSDCALLERDGNISLLSLPVAERWLRQAQLTPGEAPVCAQPLLI
PLRLKVSAAEKSAL EKAQSALAE LGIDFQSDAQHVTIRAVPLPLRQQNLQILIP
ELIGYLAKQSVFEPGNIAQWIARNLMSEHAQWSMAQAITLLADVERLCPQLVKT
PPGGLLQSVDLHPAIAKALKDE

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: /.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.8

Predicted Molecular Mass: 71.3kDa

Accurate Molecular Mass: 71kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[IDENTIFICATION]

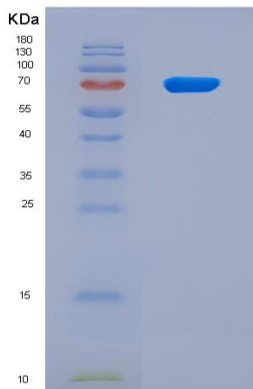


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.