# abcam

# Product datasheet

# Recombinant E. coli mutY protein ab156319

### 1 Image

**Description** 

Product name Recombinant E. coli mutY protein

Purity > 90 % SDS-PAGE.

ab156319 was purified using conventional chromatography techniques.

Expression system Escherichia coli

Accession P17802

Protein length Full length protein

Animal free No

Nature Recombinant

Species Escherichia coli

**Sequence** MGSSHHHHHH SSGLVPRGSH MGSMQASQFS

AQVLDWYDKY GRKTLPWQID KTPYKVWLSE VMLQQTQVAT VIPYFERFMA RFPTVTDLAN APLDEVLHLW TGLGYYARAR NLHKAAQQVA

TLHGGKFPET FEEVAALPGV GRSTAGAILS LSLGKHFPIL

DGNVKRVLAR CYAVSGWPGK KEVENKLWSL
SEQVTPAVGV ERFNQAMMDL GAMICTRSKP
KCSLCPLQNG CIAAANNSWA LYPGKKPKQT
LPERTGYFLL LQHEDEVLLA QRPPSGLWGG
LYCFPQFADE ESLRQWLAQR QIAADNLTQL
TAFRHTFSHF HLDIVPMWLP VSSFTGCMDE
GNALWYNLAQ PPSVGLAAPV ERLLQQLRTG APV

Predicted molecular weight 42 kDa including tags

Amino acids 1 to 350

Tags His tag N-Terminus

**Description** Recombinant *E. coli* mutY protein

**Specifications** 

Our **Abpromise guarantee** covers the use of **ab156319** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Mass Spectrometry

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Mass spectrometry MALDI-TOF

Form Liquid

#### **Preparation and Storage**

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCI, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

#### **General Info**

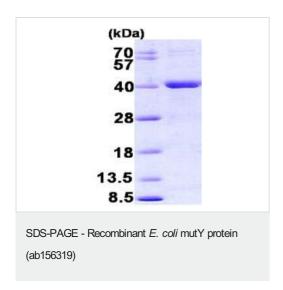
Relevance Adenine glycosylase active on G-A mispairs. MutY also corrects error-prone DNA synthesis past

GO lesions which are due to the oxidatively damaged form of guanine: 7,8-dihydro-8-oxoguanine

(8-oxo-dGTP).

Cellular localization intracellular

#### **Images**



15% SDS-PAGE analysis of ab156319 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
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