

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	<u>P17802</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Escherichia coli
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQASQFS AQVLDWYDKY GRKTLPWQID KTPYKVLSE VMLQQTQVAT VIPYFERFMA RFPTVTDLAN APLDEVHLHW TGLGYARAR 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 ERLQLQLRTG APV
Predicted molecular weight	42 kDa including tags
Amino acids	1 to 350
Tags	His tag N-Terminus
Description	Recombinant <i>E. coli</i> 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

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 HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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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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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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