

Product datasheet

Recombinant *E. coli* phrB protein ab156352

1 Image

Overview

Product name	Recombinant <i>E. coli</i> phrB protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P00914
Species	Escherichia coli
Sequence	

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MGSSHHHHHHSSGLVPRGSHMGSMTHLVWFRQDL
RLHDNLALAAACRNS
SARVLALYIATPRQWATHNMSPRQAELINAQLNGLQIAL
AEKGIPLLFRE
VDDFVASVEIVKQVCAENSVTHLFYNYQYEVNERARD
VEVERALRNVVCE
GFDDSVILPPGAVMTGNHEMYKVFTPFKNAWLKRLRE
GMPECVAAPKVRS
SGSIEPSITLNYPRQSFDTAHFPVEEKAAIAQLRQFC
QNGAGEYEQQR
DFPAVEGTSRLSASLATGGLSPRQCLHRLLAEQPQAL
DGGAGSVWLNELI
WREFYRHLITYHPSLCKHRPFIAWTDRVQWQSNPAHL
QAWQEGKTGYPIV
DAAMRQLNSTGWMHNRLRMITASFLVKDLLIDWREG
RYFMSQLIDGDLA
ANNGGWQWAASTGTDAAPYFRIFNPTTQGEKFDHEG
EFIRQWLPELRDVP
GKVVHEPWKWAQKAGVTLDYPQPIVEHKEARVQTLA
AYEAARKGK
    
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Molecular weight	56 kDa including tags
Amino acids	1 to 472
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab156352** 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
Purity	> 90 % SDS-PAGE.
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: 0.02% DTT, 0.32% Tris HCl, 50% Glycerol, 1.17% Sodium chloride
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General Info

Relevance	phrB is involved in repair of UV radiation-induced DNA damage. Catalyzes the light-dependent monomerization (300-600 nm) of cyclobutyl pyrimidine dimers (in cis-syn configuration), which are formed between adjacent bases on the same DNA strand upon exposure to ultraviolet radiation.
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Images



15% SDS-PAGE analysis of ab156352 (3µg).

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

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