

## Recombinant Escherichia coli (strain K12) polB protein, His&Myc-tagged

**Cat. No.** polB-3253E    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Escherichia coli (strain K12) polB protein(P21189)(2-783aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                            |
| <b>Species</b>          | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-783aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 97.4 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

AQAGFILTRHWRDTPQGTEVSFWLATDNGPLQVTLAPQESVAFIPADQVPRAQHILQ  
 GEQGFRLTPLALKDFHRQPVYGLYCRAHRQLMNYEKRLREGGVTVYEADVRRPER  
 YLMERFITSPVWVEGDMHNGTIVNARLKPHPDYRPLKWVSIDIETTRHGELYCIGLE  
 GCGQRIVYMLGPENGDASSLDFELEYVASRPQLLEKLNWFANYDPDVIIGWNVVQ  
 FDLRMLQKHAERYRLPLRLGRDNSELEWREHGFKNGVFFAQAKGRLIIDGIEALKSA  
 FWNFSSFSLETVAQELLGEGKSIDNPWDRMDEIDRRFAEDKPALATYNLKDCELVT  
 QIFHKTEIMPFLERATVNGLPVDRHGGSVAAFGHLYFPRMHRAGYVAPNLGEVPP  
 HASPGGYVMDSRPGLYDSVLVDYKSLYPSIIRTFIDPVLVEGMAQPDPEHSTEG  
 FLDAWFSREKHCLPEIVTNIWHGRDEAKRQGNKPLSQALKIIMNAFYGVLGTTACRF  
 FDPRLASSITMRGHQIMRQTKALIEAQGYDVIYGDSTDSTFVWLKGAHSEEEAAKIGR  
 ALVQHVNAAWAETLQKQRLTSALELEYETHFCRFLMPTIRGADTGSKKRYAGLIQE  
 GDKQRMVFKGLETVRTDWTPLAQQFQQELYLRIFRNEPYQEYVRETIDKLMAGELD  
 ARLVYRKRLRRPLSEYQRNVPPHVRAARLADEENQKRGRPLQYQNRGTIKYVWTT  
 NGPEPLDYQRSPLDYEHLTRQLQPVAEGLPFIEDNFATLMTGQLGLF

**SDS-PAGE**
