

Certificate of Analysis

Product Description: T4 Bacteriophage Gene 32 Product_
Catalog Number: TGP32100_
Lot: 1647M4731R_

Formula: N/A

CAS #: N/A

Physical Description: Clear, Frozen Liquid

Formula Weight: N/A

Storage: -20°C

Test	Specification	Result
Identity Test	Passes	Passes

T4 bacteriophage gene 32 product (T4 gp 32), is a specific single-strand-binding-protein (purified recombinant form) from the T4 bacteriophage. It is reported to act by binding to single-stranded DNA in a cooperative manner thereby destabilizing double stranded DNA.

Absence of nickases, endonucleases, nickases 5' exonucleases and 5' phosphatases, 3' exonucleases and ribonucleases

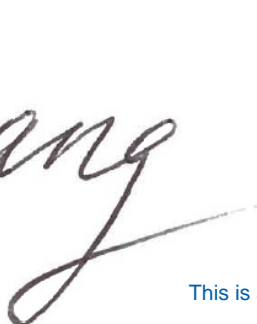
PCR assays in presence of T4 gp 32 are carried out using lambda DNA as a template with decreasing amounts of both DNA template and DNA polymerase. Specific unmodified primers generating a 500bp fragment are used. PCR products are analysed using agarose gel electrophoresis. No unspecific amplification is observed under these conditions.

Recommended Retest Date: 01/31/2019

05/30/2018 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager



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