

# Recombinant Bacteriophage T4 protein, His&Myc-tagged

**Cat. No.** T4-10B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Bacteriophage T4 protein(P03695)(1-301aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                                  |
| <b>Species</b>          | Bacteriophage T4                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-301aa                                                                                                                                                                                                                                                                                                                                 |
| <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>   | 41.8 kDa                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | SEQENCEMFKRKSTAELAAQMAKLNGNKGFSSEDKGEWKLKLDNAGNGQAVIRFL<br>PSKNDEQAPFAILVNHGFKKNGKWYIETCSSTHGDYDSCPVCQYISKNDLYNTDNK<br>EYSLVKRKTSYWANILVVKDPAAPENEGKVFKYRFGKKIWDKINAMIAVDVEMGETP<br>VDVTCPWEGANFVLKVKQVSGFSNYDESKFLNQSAIPNIDDESFKELFEQMVDLS<br>EMTSKDKFKSFEELNTKFGQVMGTAVMGGAAATAAKKADKVADDLDAFNVDDEFNT<br>KTEDDFMSSSSGSSSSADDTDLDDLNDL |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated                                                                                                                                                                                                                                                    |

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freeze-thaw cycles.

**Reconstitution**

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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