

# Recombinant *Bacillus subtilis* (strain 168) pbpC protein, His-tagged

Cat. No. pbpC-4549B Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant <i>Bacillus subtilis</i> (strain 168) pbpC protein(P42971)(350-668 aa), fused with N-terminal His tag, was expressed in <i>E.coli</i> .
<b>Species</b>	<i>Bacillus subtilis</i>
<b>Source</b>	<i>E.coli</i>
<b>ProteinLength</b>	350-668 aa
<b>Form</b>	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
<b>Molecular Mass</b>	41.8 kDa
<b>AASequence</b>	DSGAVALQPKTGETLALVSAPSYDPNGFIFGWSDKEWKKLNKDKNNPFSAKFNKT YAPGSTIKPIAAAIGIKNGTLKADEKKTIKGKEWQKDSSWGGYSVTRVSRERLQQVDL ENALITSDNIYFAQNALDMGADTFTKGLKTFGFSEDVPYEFPIQKSSIANDKLDSDILL ADTGYGQGQMMSPLHLATAYTPFVDNGDLVKPTLIKKDSQTADVWHKQVVTKEG AADITKGLKGVVEDERGSAYQPVVKGITVAGKTGTAEKTSKDDKDGTENGWFGY DYENKDLLVAMMIQNVQDRGGSHYVVEKAKKQFQSN
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

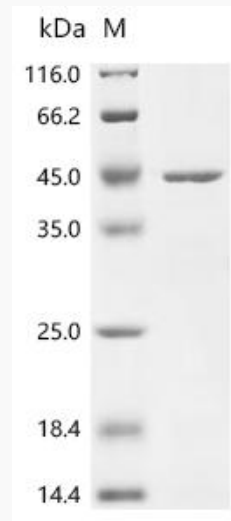
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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

**SDS-PAGE**

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