

## Recombinant E.coli birA, His-MBP tagged

Cat. No. birA-339E Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant E.coli birA (P06709) (Met1-Lys321), fused with an N-terminal polyhistidine-tagged MBP tag, was produced in E. coli.
<b>Species</b>	E.coli
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-321 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant E.coil BirA/MBP fusion protein consists of 713 amino acids and has a calculated molecular mass of 78.3 kDa. It migrates as an approximately 64-68 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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