

Recombinant E.coli birA, His-MBP tagged

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

SPECIFICATION

Product Overview	Recombinant E.coli birA (P06709) (Met1-Lys321), fused with an N-terminal polyhistidine-tagged MBP tag, was produced in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	1-321 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	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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