Recombinant E. coli BirA protein(Met1-Lys321), His&MBP-tagged

Cat. No. BirA-3247E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E.coil BirA (P06709) (Met1–Lys321) was expressed in E. coli, fused with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.
Species	E.coli
Source	E.coli
ProteinLength	Met1-Lys321
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% Glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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 of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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