

# E.Coli LACTB E.coli Recombinant Protein



RPPB1880

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## Product Information    Protein Information

**Product SKU:**

RPPB1880

**Accession:**

P00811

**Host:**

Escherichia Coli.

**Protein description:**

Beta Lactamase is an E.coli Recombinant protein produced in E.Coli containing 379 amino acids (20-377) and having a molecular mass of 41.8kDa. Beta Lactamase is expressed with a 21 N-terminal His tag. The LACTB is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Beta-lactamase, Cephalosporinase, ampC, ampA, b4150, JW4111.

**Formulation:**

The LACTB enzyme (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MAPQQINDIV HRTITPLIEQ QKIPGMAVAV IYQGKPPYFT WGYADIACKQ  
PVTQQLFEL GSVSKTFTGV LGGDAIARGE IKLSDPTTKY WPELTAKQWN GITLLHLATY TAGGLPLQVP  
DEVKSSDLL RFYQNWQPAW APGTQRLYAN SSIGLFGALA VKPSGLSFEQ AMQTRVFQPL KLNHTWINVP  
PAEEKNYAWG YREGKAVHVS PGALDAEAYG VKSTIEDMAR WVQSNLPLD INEKTLLQGGI QLAQSRWQT  
GDMYQGLGWE MLDWVPVNPDS IINGSDNKIA LAARPVKAIT PPTPAVRASW VHKTGATGGF GSYVAFIPEK  
ELGIVMLANK NYPNPARVDA AWQILNALQ.