

# E.Coli MBP Recombinant Protein



RPPB3940

---

## Product Information    Protein Information

**Product SKU:**

RPPB3940

**Accession:**

P0AEX9

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant E.Coli MBP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 410 amino acids (27-392 a.a) and having a molecular mass of 44.9kDa. MBP is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Maltose-binding periplasmic protein, MBP, MMBP, Maltodextrin-binding protein, malE, b4034, JW3994.

**Formulation:**

MBP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl 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 SGLVPRGSH MGS MKIEEGK LVIWINGDKG YNGLAIEVGKK FEKDTGIKVT VEHPDKLEEK  
FPQVAATGDG PDIIFWAHDR FGGYAQSGLL AEITPDKAFQ DKLYPFTWDA VRYNGKLIAY PIAVEALSLI  
YNKDLLPNPP KWEEIPALD KELKAKGKSA LMFNLQEPYF TWPLIAADGG YAFKYENGY DIKDVGV DNA  
GAKAGLFLV DLIKNKHMNA DTDYSIAEAA FNKGETAMTI NGPWAWSNID TSKVNYGVTV LPTFKGQPSK  
PFVGVLSAGI NAASPNKELA KEFLENYLLT DEGLEAVNKD KPLGAVALKS YEEELAKDPR IAATMENAQK  
GEIMPNIQPM SAFWYAVRTA VINAASGRQT VDEALKDAQT NSSNNNNNNN NNNNLGIEGR.