

E.Coli MBP (27-396) Recombinant Protein



RPPB3941

Product Information Protein Information

Product SKU:

RPPB3941

Accession:

P0AEX9

Host:

Escherichia Coli.

Protein description:

Recombinant E.Coli MBP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 371 amino acids (27-396 a.a) and having a molecular mass of 40.8kDa. MBP protein was 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 (1mg/ml) containing phosphate buffered saline (pH 7.4) 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:

MKIEEGKLV I WINGDKGYNG LAEVGKKFEK DTGIKVTVEH PDKLEEKFPQ VAATGDGPD I IFWAHDRFGG
YAQSGLLAEI TPKAFQDKL YPFTWDAVRY NGKLIAYPIA VEALSLIYNK DLLPNPPKTW EEIPALDKEL
KAKGKSALMF NLQEPYFTWP LIAADGGYAF KYENGKYDIK DVGVDNAGAK AGLTFLVDLI KNKHMNADTD
YSIAEAAFNK GETAMTINGP WAWSNIDTSK VNYGVTVLPT FKGQPSKPFV GVLSAGINAA SPNKELAKEF
LENYLLTDEG LEAVNKDKPL GAVALKSYEE ELAKDPRIAA TMENAQKGEI MPNIPQMSAF WYAVRTAVIN
AASGRQTVDE ALKDAQTRIT K.