9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MBP (27-392) E.Coli

Maltose Binding Protein E.coli Recombinant
RCP1333

Product Overview

Name	MBP (27-392) E.Coli

Description

Maltose Binding Protein E.coli Recombinant

Introduction

Maltose Binding Protein is a member of the maltose/maltodextrin system of E.Coli, which is accountable for the uptake and efficient catabolism of maltodextrins. The maltose/maltodextrin is a complex regulatory and transport system involving many proteins and protein complexes. MBP elevates the yield of its fusion partner in many cases and is often able to promote the solubility of polypeptides to which it is fused.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The Maltose Binding Protein solution (1 mg/ml) contains 20mM Tris-HCl pH-8.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

M KIEEGKLVI WINGDKGYNG LAEVGKKFEK DTGIKVTVEH PDKLEEKFPQ VAATGDGPDI IFWAHDRFGG YAQSGLLAEI TPDKAFQDKL YPFTWDAVRY NGKLIAYPIAVEALSLIYNK DLLPNPPKTW EEIPALDKEL KAKGKSALMF NLQEPYFTWP LIAADGGYAF KYENGKYDIK DVGVDNAGAK AGLTFLVDLI KNKHMNADTD YSIAEAAFNK GETAMTINGP WAWSNIDTSK VNYGVTVLPT FKGQPSKPFV GVLSAGINAA SPNKELAKEF LENYLLTDEG LEAVNKDKPL GAVALKSYEE ELAKDPRIAA TMENAQKGEI MPNIPQMSAF WYAVRTAVIN AASGRQTVDE ALKDAQT NSS SNNNNNNNNN NLGIEGR .

Precautions

MBP (27-392) E.Coli is for research use only and not for use in diagnostic or therapeutic procedures.

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