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MBP, 27-396 aa, E.coli, E.coli

产品货号: TP02926

第三版

别名:ECK4026, JW3994, malJ

描述:MBP also as known as Maltose Binding Protein is a protein related with the maltose/maltodextrin system of Escherichia coli, which is responsible for the uptake and efficient catabolism of maltodextrins. It is a complex regulatory and transport system involving many proteins and protein complexes. MBP has been used to increase the yield of its fusion partner in many cases. In addition, MBP is often able to promote the solubility of polypeptides to which it is fused. Recombinant MBP was expressed in E.coli and purified by conventional chromatography techniques.

配方:Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.

分子量:40.8 kDa (371 aa)

序列:

MKIEEGKLVIIWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWAHDHDFGGYAQSGLLAEI
TPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSILYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLI
AADGGYAFKYENKDYDIKDVGVNAGAKAGLTFLVDLIKHKHMNADTDYSIAEAAFNKGETAMTINGPWAWNSIDTS
KVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAAT
MENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTRITK

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.