

MBP5 Protein



1-800-632-7799
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E8046S 003121014101

E8046S



1.0 mg 6.0 mg/ml Lot: 0031210

RECOMBINANT Store at -20°C Exp: 10/14

Description: MBP5 consists of MBP preceded by methionine and with the final 4 amino acids replaced by 21 residues encoded by the polylinker of pMAL-c5 plus a C-terminal glycine. Its predicted molecular weight is 42,510 daltons.

Source: An *E. coli* strain that carries an MBP expression vector.

Supplied in: 20 mM Tris-HCl (pH 7.2), 0.2 M NaCl, 1 mM EDTA and 50% glycerol.

MBP5

ATG AAA...ACT AAT TCG AGC TCG (AAC)₄ AAT AAC AAT (AAC)₃ CTC GGG ATC GAG GGA AGG GGT
Met Lys...Thr Asn Ser Ser Ser (Asn)₄ Asn Asn Asn (Asn)₃ Leu Gly Ile Glu Gly Arg Gly
← encoded by polylinker →

Mature MBP from *E. coli*:

AAA...ACT CGT ATC ACC AAG TAA
Lys...Thr Arg Ile Thr Lys Stop

Reference:

1. Riggs, P.D. (1990). *Current Protocols in Molecular Biology*. In F.M. Ausebel, et al. (Eds.), (pp.16.6.1–16.6.12). New York: Greene Publishing Associates/Wiley Interscience.

Notice to Buyer/User: The buyer/user has a non-exclusive license to use the vector for **Research Purposes Only**. Commercial use of this vector requires a license from New England Biolabs, Inc.

U.S. Patent No. 5,643,758

PCT Publication No. WO2007/12809

CERTIFICATE OF ANALYSIS

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