

# MBP5 Protein



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E8046S 003130915091

## E8046S



1.0 mg 6.0 mg/ml Lot: 0031309

RECOMBINANT Store at -20°C Exp: 9/15

**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)<sub>4</sub> AAT AAC AAT (AAC)<sub>3</sub> CTC GGG ATC GAG GGA AGG GGT  
Met Lys...Thr Asn Ser Ser Ser (Asn)<sub>4</sub> Asn Asn Asn (Asn)<sub>3</sub> 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.

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

PCT Publication No. WO2007/12809

CERTIFICATE OF ANALYSIS

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