

MBP5-paramyosin- Δ Sal



1-800-632-7799
info@neb.com
www.neb.com



E8052S 002120714071

E8052S



100 μ g **5 mg/ml** **Lot: 0021207**
RECOMBINANT Store at -20°C Exp: 7/14

Description: MBP5-paramyosin- Δ Sal is a maltose binding fusion protein (MBP) containing a Factor Xa site between the MBP and paramyosin domains. It can be used as a control substrate for Factor Xa cleavage. Its predicted molecular weight is 69,710 daltons, and after Factor Xa cleavage it produces two fragments of 42,510 and 27,218 daltons.

Source: MBP5-paramyosin- Δ Sal is prepared from an *E. coli* strain bearing a modified pMAL-c5X vector, using the Protein Fusion and Purification System. The modified pMAL-c5X vector contains a fragment of the *D. immitis* paramyosin gene inserted between the XmnI site and the SalI site.

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

References:

1. Riggs, P.D. (1990). *Current Protocols in Molecular Biology*. In F.M. Ausubel et al. (Eds.), (pp.16.6.1–16.6.12). New York: Greene Publishing Associates/Wiley Interscience.
2. Steel, C.S. et al. (1990) *J. Immunol.* 145, 3917–3923.

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

Appln. No. WO2007/120809

CERTIFICATE OF ANALYSIS

MBP5-paramyosin- Δ Sal



1-800-632-7799
info@neb.com
www.neb.com



E8052S 002120714071

E8052S



100 μ g **5 mg/ml** **Lot: 0021207**
RECOMBINANT Store at -20°C Exp: 7/14

Description: MBP5-paramyosin- Δ Sal is a maltose binding fusion protein (MBP) containing a Factor Xa site between the MBP and paramyosin domains. It can be used as a control substrate for Factor Xa cleavage. Its predicted molecular weight is 69,710 daltons, and after Factor Xa cleavage it produces two fragments of 42,510 and 27,218 daltons.

Source: MBP5-paramyosin- Δ Sal is prepared from an *E. coli* strain bearing a modified pMAL-c5X vector, using the Protein Fusion and Purification System. The modified pMAL-c5X vector contains a fragment of the *D. immitis* paramyosin gene inserted between the XmnI site and the SalI site.

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

References:

1. Riggs, P.D. (1990). *Current Protocols in Molecular Biology*. In F.M. Ausubel et al. (Eds.), (pp.16.6.1–16.6.12). New York: Greene Publishing Associates/Wiley Interscience.
2. Steel, C.S. et al. (1990) *J. Immunol.* 145, 3917–3923.

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

Appln. No. WO2007/120809

CERTIFICATE OF ANALYSIS