

Molecular Innovations, Inc.

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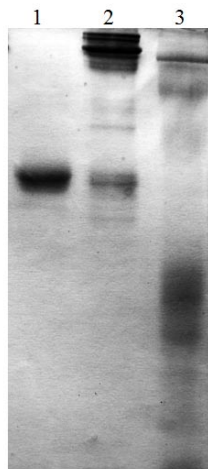
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Certificate of Analysis



10% SDS-PAGE

1 MZPI-211 Non-reduced

2 MZPI-211 + Human Factor XIa Non-reduced

3 Prestained Standard (BIO-RAD Cat. No. 161-0324)

Product: Mouse Protein Z-Dependent Protease Inhibitor (ZPI) – MZPI

Date: February 20, 2011

Lot: MZPI-211

Molecular Weight: 52,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 3.66 $\epsilon^{0.1\%} = 0.9$

Concentration = 4.0 mg/mL

Considerations:

Recombinantly produced in insect cells.
Active and complexable with Factor XIa.

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.02M MES; 0.25M NaCl; pH 6.6
Other: > 95% pure by SDS PAGE

Duane E. Day

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