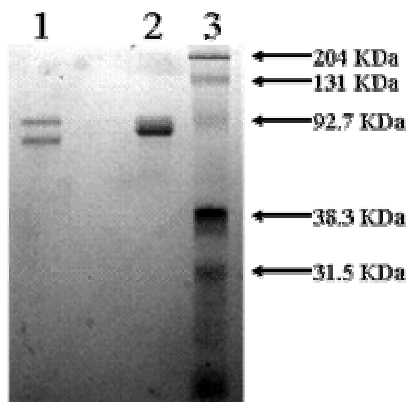


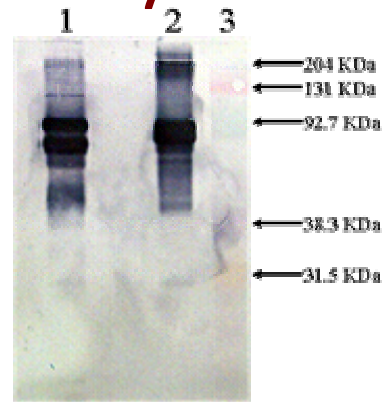
## Molecular Innovations, Inc.

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Southfield, MI 48036  
TEL: (248) 353-4927  
FAX: (248) 353-4929  
Web Site: <http://www.mol-innov.com>

# Certificate of Analysis



10% SDS-PAGE - GelCode Blue Stain  
1 HVN-BIO-1006 (2 ug) Reduced  
2 HVN-BIO-1006 (2 ug) Non-reduced  
3 Prestained Standard



Western Blot - 10% SDS-PAGE  
Avidin-AP at 1:3,000  
1 HVN-BIO-1006 (2 ug) Reduced  
2 HVN-BIO-1006 (2 ug) Non-reduced  
3 Prestained Standard

**Product:** Biotin labeled Human Monomeric Vitronectin – HVN-BIO

**Date:** 11 October, 2006

**Lot:** HVN-BIO-1006

**Molecular Weight:** 75,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 0.97  $\epsilon^{0.1\%} = 1.0$   
Concentration = 0.97 mg/mL

### Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr  
Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl; pH 7.4  
Other: > 98% pure by SDS PAGE  
Labeling Ratio: 2 mole biotin / mole vitronectin

*Duane E. Day*

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