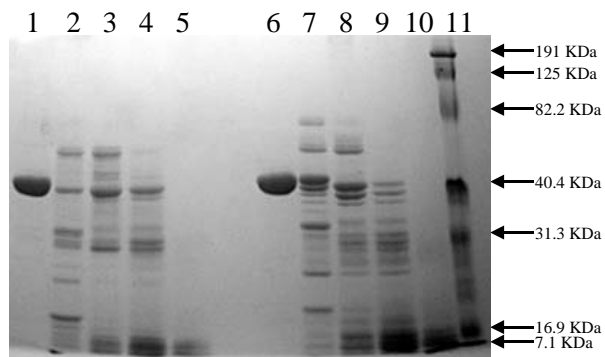


Molecular Innovations, Inc.

21315 Hilltop Street
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 HPAI-AVI-1205 (5 ug) Reduced	6 HPAI-AVI (5 ug) Non-reduced
2 HPAI-AVI (5 ug) + HNE (1 ug) R	7 HPAI-AVI (5 ug) + HNE (1 ug) NR
3 HPAI-AVI (5 ug) + HNE (3.7 ug) R	8 HPAI-AVI (5 ug) + HNE (3.7 ug) NR
4 HPAI-AVI (5 ug) + HNE (10 ug) R	9 HPAI-AVI (5 ug) + HNE (10 ug) NR
5 HNE (5 ug) R	10 HNE (5 ug) NR
11 Prestained Standard	

Product: Human PAI-1 (Stable Elastase Inhibitor Mutant)

Date: 8 December, 2005

Lot: HPAI-AVI-1205

Molecular Weight: 43,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 2.0 $\epsilon^{0.1\%} = 1.0$
Concentration = 2.0 mg/mL

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.05M Na Phosphate; 0.1M NaCl;
1mM EDTA; pH 6.6
Purity: > 98% pure by SDS PAGE
12.6 EU/mg

Duane E. Day

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