

OXFORD BIOMEDICAL RESEARCH

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Product Specification

Human PAI-1 (stable mutant)

Product # PI 04

Lot # hpai-typical

Molecular Weight: 43 KDa

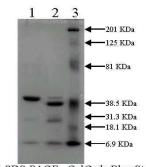
Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL and < 5 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 0.355 0.1% = 1.0

Concentration = 0.355 mg/mL



10% SDS-PAGE - GelCode Blue Stain 1 HPAI-T333R-803 (3 ug) Reduced 2 HPAI-T333R-803 (3 ug)+uPA-HTC (0.5 ug) Reduced 3 Prestained Standard

Activity:

Substitution at the P14 position on the reactive center loop creates a PAI-1 substrate for proteinases rather than an inhibitor.

Considerations:

Storage Conditions: Store frozen at -70° C – stability > 1yr;

Avoid repeated freeze-thaw cycles

Buffer: 0.5 M Sodium Phosphate; 0.15 M NaCl; pH 6.6

Other: > 98% pure by SDS-PAGE