



## 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

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

