



Certificate of Analysis

Product Description

Product: Human PAI-1 (N-terminal cysteine stable mutant)
Catalog Number: INTCYSCPAI
Description: This stable form of PAI-1 contains an N-terminal cysteine mutation in addition to the four stabilization mutations (patent pending). The protein is supplied in buffer with 1mM DTT to prevent dimerization. To label with thiol reactive dye, buffer exchange into degassed 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6 by desalting column. Collect into 10 fold molar excess of maleimide or iodoacetamide dye and incubate for 1 hour at room temperature. To preserve PAI-1 activity minimize the percentage of DMSO/DMF in the reaction. Remove free dye by desalting, ammonium sulfate precipitation, or dialysis.
Source: E. coli
Molecular Weight: 43,000

Sample Characteristics

Lot Number: SAMPLE
Aliquot: 1 x 0.5 mg
Concentration: 2.5 mg/ml
Volume: 0.2 ml
Buffer: 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; 1mM DTT; pH 6.6
Form: Frozen liquid

Shipping Information

Recommended Storage: -70 C
Shipping Conditions: Dry ice
Minimum Shelf Life: 3 years from delivery

For In Vitro laboratory use only



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CAUTION TO USERS: The values expressed in the attached Certificate of Analysis represent best efforts to provide accurate and reproducible data about the material. However, test methods and techniques for biologicals may produce variable results.