

Recombinant Human PAI-1 Elastase Specific Mutant

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|---------------------------------|---|------------------|----------------|
| Catalog No. | CRP200B CRP200C | Quantity: | 500 µg 1 mg |
| Alternate Names: | Plasminogen Activator Inhibitor type 1, SERPINE1, PAI, PAI1, PLANH1 | | |
| Description: | Recombinant Human Plasminogen Activator Inhibitor type 1 Elastase specific mutant. A single mutation at the P1 position of PAI-1 alters the target specificity of PAI-1 from the plasminogen activators tPA and uPA to elastase. PAI-1 is normally a substrate for pancreatic and neutrophil elastase becoming cleaved at the P3 position. This mutant contains a P1 Alanine in place of the wild type Arginine residue resulting in an inhibitor of elastase as potent as alpha-1PI (antitrypsin). | | |
| Concentration: | 2.5 mg/ml | | |
| Gene ID: | 5054 | | |
| Protein Accession No: | NP_000593 | | |
| Source: | <i>E. coli</i> | | |
| Molecular Weight: | 43.0 kDa | | |
| Formulation: | Frozen liquid in 0.05 M sodium phosphate + 0.1 M NaCl + 1 mM EDTA, pH 6.6 | | |
| Storage & Stability: | Store in working aliquots at -80°C. Avoid repeated freeze-thaw cycles. | | |

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