

Plasminogen Activator Inhibitor-1 Human Recombinant

Item Number	rAP-4753
Synonyms	PAI-1, PAI1, PLANH1, SERPINE1, PAIE, PLASMINOGEN ACTIVATOR INHIBITOR, BETA-MIGRATING ENDOTHELIAL-CELL-DERIVED TYPE.
Description	SERPINE1 Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 400 amino acids (24-402) and having a molecular mass of 45 kDa. The SERPINE1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P05121
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVHHPPSYVA HLASDFGVRV FQQAQASKD RNVVF- SPYGVASVLAMLQLT TGGETQQQIQ AAMGFKIDDK GMAPALRHLY KELMGPWNKD EI- STTDAIFVQRDLKLVQGF MPHFFRLFERS TVKQVDFSEV ERARFIINDW VKTHTKGMIS NLLGKGAV- DQLTRLVLVNAL YFNGQWKTPF PDSSTHRRRLF HKSDGSTVSV PMMAQTNKFN YTEFT- TPDGHYDILELPYH GDTLSMFIAA PYEKEVPLSA LTNILSAQLI SHWKGNMTRL PRLLVLPKFS- LETEVDLRKP LENLGMTDMF RQFQADFTSL SDQEPLHVAQ ALQKVKIEVN ESGTVASSSTAVIVSAR-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	150mM Na ₂ HPO ₄ , pH 6.6, 0.5mM NaCl, 2mM Glutathione and 0.01% Tween-80. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**