

## Serpin Peptidase Inhibitor Clade A Member 5 Human Recombinant

<b>Item Number</b>	rAP-4774
<b>Synonyms</b>	PAI3, PCI, PROC1, PLANH3, Protein-C Inhibitor, Plasma serine protease inhibitor, Serpin A5, Plasminogen activator inhibitor 3, PAI-3, Acrosomal serine protease inhibitor, SERPINA5.
<b>Description</b>	SERPINA5 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 408 amino acids (20-406 a.a.) and having a molecular mass of 45.9 kDa. The SERPINA5 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P05154
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MHRHHPREMK KRVEDLHVGA TVAPSSRRDF TFDLYRALAS AAP-SQNIFFS PVSISMSLAM LSLGAGSSTK MQILEGLGLN LQKSEKELH RGFQQLLQEL NQPRDGFQLS LGNALFTDLV VDLQDTFVSA MKTLYLADTF PTNFRDSAGA MKQINDYVAK QTKGKIVDLL KNLDSNAVVI MVNYIFFKAK WETSFNHKGT QEQDFYVTSE TVVRVPMMSR EDQYHYLLDR NLSCRVVGVP YQGNA-TALFI LPSEGKMQQV ENGLSEKTLR KWLKMFKKRQ LELYLPKFSI EGSYQLEKVL PSLGISNVFT SHAD-LSGISN HSNIQVSEMV HKAVVEVDES GTRAAAATGT IFTFRSARLN SQRLVFNRPF LMFIVDNNIL
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered 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.
<b>Formulation and Purity</b>	The SERPINA5 solution (0.5mg/ml) contains 20mM Tris-HCl buffer pH-8, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**