

Human SERPINE1 Recombinant Protein



RPPB2270

Product Information Protein Information

Product SKU:

RPPB2270

Accession:

P05121

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

PAI-1, PAI1, PLANH1, SERPINE1, PAIE, PLASMINOGEN ACTIVATOR INHIBITOR, BETA-MIGRATING ENDOTHELIAL-CELL-DERIVED TYPE.

Formulation:

50mM NaAc (pH 5.5), 10% glycerol and 0.1M NaCl.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MVHHPPSYVA HLASDFGVRV FQVQAQASKD RNVVFSPYGVASVLAMLQLT
TGGETQQQIQ AAMGFKIDDK GMAPALRHLY KELMGPWNKD EISTDAIFVQRDLKLVQGF MPHFFRLFRS
TVKQVDFSEV ERARFIINDW VKTHTKGMIS NLLGKGAVDQLTRLVLVNAL YFNGQWKTPF PDSSTHRRLF
HKSDGSTVSV PMMAQTNKFN YTEFTPDGHYYDILELPYH GDTLSMFIAA PYKEVPLSA LTNILSAQLI
SHWKGNMTRL PRLLVLPKFSLETEVDLRKP LENLGMTDMF RQFQADFTSL SDQEPLHVAQ ALQKVKIEVN
ESGTVASSSTAVIVSARMAP EEIIMDRPFL FVVRHNPTGT VLFMGQVMPE.

Biological Activity:

The IC50 for this effect is less than 3nM, measured by its ability to inhibit uPA cleavage of the substrate Z-GGRAMC.