9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-9277: Recombinant Human Serpin A5/Protein C Inhibitor (C-6His)(Discontinued)

Alternative Name : Plasma Serine Protease Inhibitor, Acrosomal Serine Protease Inhibitor, Plasminogen Activator Inhibitor 3, PAI-3, PAI3, Protein C Inhibitor, PCI, Serpin A5, SERPINA5, PCI, PLANH3, PROCI

Description

Source : Human Cells;
Serpin A5 is a member of the human Serpin superfamily consists of at least 35 members. It is synthesized in the liver and has been detected in saliva, cerebral spinal fluid, amniotic fluid, tears and semen. As a potent inhibitor of the protein C anticoagulant pathway at the levels of both zymogen activation and enzyme inhibition, Serpin A5 additionally inhibits a variety of serine protease including thrombin, factor Xa, several kallekreins and acrosin. It plays a critical role in the processes of blood of blood coagulation and fertilization. Serpin A5 also inhibits urinary plasminogen activator (uPA), a mediator of tumor cell invasion, and regulates tumor growth and metastasis by inhibiting angiogenesis. Furthermore, recent studies have identified PCI as a potent and direct inhibitor of activated HGFA (hepatocyte growth factor activator), suggesting a novel function in the regulation of tissue repair and regeneration. Similar to Serpins C1 and D1, the thrombin inhibitory activity of serpinA5 is enhanced by heparin.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM MES, 150mM NaCl, pH 5.5.

Amino Acid : Recombinant Human Serpin A5 is produced by our Mammalian expression system and the target gene encoding His20-Pro406 is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.