



Human SERPINA5 peptide (DAG-P1091)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. This gene is one in a cluster of serpin genes located on the q arm of chromosome 14. This family member is a glycoprotein that can inhibit several serine proteases, including protein C and various plasminogen activators and kallikreins, and it thus plays diverse roles in hemostasis and thrombosis in multiple organs. [provided by RefSeq, Aug 2012]
Specificity	Expressed by the liver and secreted in plasma.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the serpin family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SERPINA5 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 5 [Homo sapiens (human)]
Official Symbol	SERPINA5
Synonyms	SERPINA5; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 5; PCI; PAI3; PAI-3; PCI-B; PROCI; PLANH3; plasma serine protease inhibitor; protein C inhibitor;

plasminogen activator inhibitor-3; acrosomal serine protease inhibitor; plasminogen activator inhibitor III; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 5;

Entrez Gene ID	5104
mRNA Refseq	NM_000624.5
Protein Refseq	NP_000615.3
UniProt ID	B4DDH1
Chromosome Location	14q32.1
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;
Function	acrosin binding; glycosaminoglycan binding; heparin binding; phosphatidylcholine binding; protease binding; retinoic acid binding; serine-type endopeptidase inhibitor activity;