Native Human Heparin Cofactor II

Cat. No. SERPIND1-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Heparin Cofactor II is a single chain glycoprotein prepared from fresh frozen human plasma.
Species	Human
Source	Human Plasma
Description	HCII is a specific inhibitor of thrombin with increased activity in the presence of heparin.
Form	Frozen liquid
Molecular Mass	65,600
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.
Storage	-70°C

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Concentration	5.0 mg/ml
Storage Buffer	0.02M Tris-HCl; 0.15M NaCl; 0.02% Sodium Azide; pH 7.4
Preservative	SodiumAzide
Shipping	Dry ice

GENE INFORMATION

Gene Name	SERPIND1 serpin peptidase inhibitor, clade D (heparin cofactor), member 1 [Homo sapiens]
Official Symbol	SERPIND1
Synonyms	SERPIND1; serpin peptidase inhibitor, clade D (heparin cofactor), member 1; HCF2, serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1; heparin cofactor 2; D22S673; HC II; HC2; heparin cofactor II; HLS2; serpin D1; leuserpin 2; protease inhibitor leuserpin-2; serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1; LS2; HCF2; HCII; THPH10;
Gene ID	3053
mRNA Refseq	NM_000185
Protein Refseq	NP_000176
MIM	142360
UniProt ID	P05546

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Chromosome Location	22q11.21
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;
Function	endopeptidase inhibitor activity; heparin binding; serine-type endopeptidase inhibitor activity;

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