

Recombinant Human SERPIND1 Protein (Asp276-Ser499), His tagged

Cat. No. SERPIND1-5843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SERPIND1 (Asp276-Ser499) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp276-Ser499
Description	Thrombin inhibitor activated by the glycosaminoglycans, heparin or dermatan sulfate. In the presence of the latter, HC-II becomes the predominant thrombin inhibitor in place of antithrombin III (AT-III). Also inhibits chymotrypsin, but in a glycosaminoglycan-independent manner. Peptides at the N-terminal of HC-II have chemotactic activity for both monocytes and neutrophils.
Form	Lyophilized powder/frozen liquid
Molecular Mass	26.33 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name SERPIND1 serpin family D member 1 [Homo sapiens (human)]

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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