

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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