

Recombinant Human SERPIND1, His-tagged

Cat. No. SERPIND1-2599H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human SERPIND1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | C-term-351aa |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

GENE INFORMATION

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| 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; |

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| | 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 |
| 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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