

Recombinant Human SERPING1 Protein, His-tagged

Cat. No. SERPING1-924H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPING1(Asn23-Ala500), transcript variant 1, fused with His tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	23-500 a.a.
Description	This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform.
Form	Lyophilized from a 0.2 μ l filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Molecular Mass	53.9 kDa
Endotoxin	< 0.1 EU per μ g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration Resuspend the protein to the desired concentration in proper buffer.

GENE INFORMATION

Gene Name [SERPING1 serpin peptidase inhibitor, clade G \(C1 inhibitor\), member 1 \[Homo sapiens \]](#)

Official Symbol [SERPING1](#)

Synonyms SERPING1; serpin peptidase inhibitor, clade G (C1 inhibitor), member 1; C1NH, serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary); plasma protease C1 inhibitor; angioedema; hereditary; C1 INH; C1IN; HAE1; HAE2; serpin G1; C1-inhibiting factor; C1 esterase inhibitor; complement component 1 inhibitor; serine/cysteine proteinase inhibitor clade G member 1; C1NH; C1INH;

Gene ID [710](#)

mRNA Refseq [NM_000062](#)

Protein Refseq [NP_000053](#)

MIM [606860](#)

UniProt ID [P05155](#)

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