

Recombinant Human SERPINC1 protein, His-tagged

Cat. No. SERPINC1-4552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINC1 protein(P01008)(1-464aa(R294C)), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-464aa(R294C)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	58.5 kDa
AA Sequence	MYSNVIGTVTSGKRKVYLLSLLLIGFWDCVTCHGSPVDICTAKPRDIPMNPNCIYRSP EKKATEDEGSEQKIP EATNRRVWELSKANSRFATTFYQHLADSKNDNDNIFLSPLSIS TAFAMTKLGACNDTLQQLMEVFKFDTISEKTS DQIHFFFAKLNCRLYRKANKSSKLVS ANRLFGDKSLTFNETYQDISELVYGAKLQPLDFKENAEQSRAAINKWVSNKTEGRIT DVIPSEAINELTVLVLVNTIYFKGLWKS KFS PENTRKELFYKADGESCSASMMYQEG KFRYRCVAEGTQVLELPFKGDDITMV LILPKPEKSLAKVEKELTPEVLQEWLDELEEM MLVVHMPRFRIEDGFS LKEQLQDMGLVDLFSPEKSKLPGIVAEGRDDLYVSDAFHKA FLEVNEEGSEAAASTAVVIAGRSLNPNRVTFKANRPFLVFIREVPLNTIIFMGRVANP CVK

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	SERPINC1 serpin peptidase inhibitor, clade C (antithrombin), member 1 [Homo sapiens]
Official Symbol	SERPINC1
Synonyms	SERPINC1; serpin peptidase inhibitor, clade C (antithrombin), member 1; AT3, serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; antithrombin-III; antithrombin (aa 375 432); antithrombin III; ATIII; coding sequence signal peptide antithrombin part 1; MGC22579; signal peptide antithrombin part 1; serpin C1; serine-cysteine proteinase inhibitor clade C member 1; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; AT3; AT3D; THPH7;
Gene ID	462
mRNA Refseq	NM_000488
Protein Refseq	NP_000479
MIM	107300

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UniProt ID

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