

Recombinant Human SERPINI1 protein, His-tagged

Cat. No. SERPINI1-3658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINI1 protein(109-410 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	109-410 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ANSLFVQNGFHVNEEFLQMMKKYFNAAVNHVDFSQNVAVANYINKWVENNTNNLV KDLVSPRDFDAATYLALINAVYFKGNWKSQFRPENTRTFSFTKDDSEVQIPMMYQ QGEFY YGEFSDGSNEAGGIYQVLEIPYEGDEISMMLVLSRQEVPLATLEPLVKAQLV EEWANSVKKQKVEVYLPRFTVEQEIDLKDV LKALGITEIFIKDANLTGLYDNKEIFLSK AIHKS FLEVNEEGSEAAAVSGMIAISRMALYPQVIVDHPFFFLIRNRRTGTILFMGRV MHPETMNTSGHDFEEL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[SERPINI1](#) serpin peptidase inhibitor, clade I (neuroserpin), member 1 [Homo sapiens]

Official Symbol

[SERPINI1](#)

Synonyms

SERPINI1; serpin peptidase inhibitor, clade I (neuroserpin), member 1; PI12, serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1; neuroserpin; PI-12; serpin I1; peptidase inhibitor 12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1; PI12; DKFZp781N13156;

Gene ID

[5274](#)

mRNA Refseq

[NM_001122752](#)

Protein Refseq

[NP_001116224](#)

MIM

[602445](#)

UniProt ID

[Q99574](#)

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