

## Recombinant Human SERPINE2 protein, His-SUMO-tagged

Cat. No. SERPINE2-3485H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINE2 protein(P07093)(20-398aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	20-398aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	57.9 kDa
<b>AA Sequence</b>	<p>SHFNPLSLEELGSNTGIQVFNQIVKSRPHDNIVISPHGIASVLGMLQLGADGRTKKQL            AMVMRYGVNGVVGKILKKINKAIVSKKNKDIVTVANAVFVKNASEIEVPFVTRNKDVFQ            CEVRNVNFEDPASACDSINAWVKNETRDMIDNLLSPDLIDGVLTRLVLVNAVYFKGL            WKSRLFQENTKKRTFVAADGKSYQVPMLAQLSVFRCGSTSAPNDLWYNFIELPYH            GESISMLIALPTESSTPLSAIIPHISTKTIDSWMSIMVPKRVQVILPKFTAQAQTDLKEPL            KVLGITDMFDSSKANFAKITTGSENLHVSHILQKAKIEVSEDGTKASAATTAILIARSSP            PWFIVDRPFLFFIRHNPTGAVLFMGQINKP</p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please 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. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** SERPINE2 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 [ Homo sapiens ]

**Official Symbol** SERPINE2

**Synonyms** SERPINE2; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; PI7, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; glia-derived nexin; GDN; glial derived nexin 1; nexin; PN1; PNI; serpin E2; protease nexin I; peptidase inhibitor 7; glial-derived neurite promoting factor; PI7; PI-7; PN-1; DKFZp686A13110;

**Gene ID** 5270

**mRNA Refseq** NM\_001136528

**Protein Refseq** NP\_001130000

**MIM** 177010

**UniProt ID** P07093

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