

Recombinant Human SERPINE2 protein, GST-tagged

Cat. No. SERPINE2-5643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINE2 protein(163-385 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	163-385 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	DMIDNLLSPDLIDGVLTRLVLVNAVYFKGLWKS RFQPENTKKRTFVAADGKSYQVPM LAQLSVFRCGSTAPNDLWYNFIELPYHGESISMLIALPTESSTPLSAIIPHISTKTIDS WMSIMVPKRVQVILPKFTAVAQTDLKEPLKVLGITDMFDSSKANFAKITTGSENLHVS HILQKAKIEVSEDGTKASAATTAILIARSSPPWFIVDRPFLFFIRHNP
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

mRNA Refseq

[NM_001136528](#)

Protein Refseq

[NP_001130000](#)

MIM

[177010](#)

UniProt ID

[P07093](#)

Gene ID

[5270](#)

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SDS-PAGE

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