

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 | DMIDNLLSPDLIDGVLTRLVLVNAVYFKGLWKSRLFQNPENTKKRTFVAADGKSYQVPM LAQLSVFRCGSTSAPNDLWYNFIELPYHGESISMLIALPTESSTPLSAIIPHISTKTIDS WMSIMVPKRQVILPKFTAVAQTDLKEPLKVLGITDMFDSSKANFAKITTGSENLHVS 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. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA