

## Glia-derived nexin Recombinant Protein | SERPINE2 recombinant protein

Recombinant Human Glia-derived nexin

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113687</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

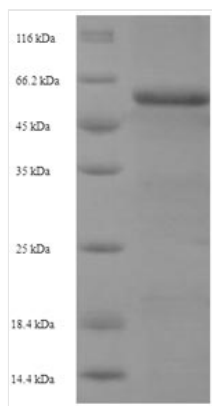
### PRODUCT SYNONYMS

Glia-derived nexin; Recombinant Human Glia-derived nexin; SERPINE2 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence Positions      | 20-398. Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                | SHFNPLSLEE LGSNTGIQVF NQIVKSRPHD NIVISPHGIA SVLGMLQLGA DGRTKKQLAM VMRYGVNGVG<br>KILKKINKAI VSKKNKDIVT VANAVFVKNA SEIEVPFVTR NKDVFCQCEVR NVNFEDPASA CDSINAWVKN<br>ETRDMIDNLL SPDLIDGVLTL RLVLVNAVYF KGLWKSFRQP ENTKKRTFVA ADGKSYQVPM LAQLSVFRCG<br>STSAPNDLWY NFIELPYHGE SISMLIALPT ESSTPLSAII PHISTKTIDS WMSIMVPKRV QVILPKFTAV<br>AQTDLKEPLK VLGITDMFDS SKANFAKITT GSENLHVSHI LQKAKIEVSE DGTKASAATT AILIARSSPP<br>WFIVDRPFLF FIRHNPTGAV LFMGQINKP |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                                                                                                                                                                                            |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                 |                                                                                                                                                    |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for<br>SERPINE2 recombinant protein | Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin. |
| Product Categories/Family for<br>SERPINE2 recombinant protein   | Cardiovascular                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 211904152                                                                                     |
| NCBI GeneID                      | 5270                                                                                          |
| NCBI Accession #                 | NP_001130000.1                                                                                |
| NCBI GenBank Nucleotide #        | NM_001136528.1                                                                                |
| UniProt Accession #              | P07093; Q53S15; Q5D0C4; B2R6A4; B4DIF2                                                        |
| Molecular Weight                 | 57.9 kDa                                                                                      |
| NCBI Official Full Name          | glia-derived nexin isoform b                                                                  |
| NCBI Official Synonym Full Names | serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 |
| NCBI Official Symbol             | SERPINE2                                                                                      |
| NCBI Official Synonym Symbols    | GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF                                                         |
| NCBI Protein Information         | glia-derived nexin                                                                            |
| UniProt Protein Name             | Glia-derived nexin                                                                            |
| UniProt Gene Name                | SERPINE2                                                                                      |
| UniProt Synonym Gene Names       | PI7; PN1; GDN; PI-7; PN-1                                                                     |
| UniProt Entry Name               | GDN_HUMAN                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/serpine2-recombinant-protein-e-coli/113687>