

## Serpin B9 (SERPINB9) Recombinant Protein | SERPINB9 recombinant protein

Recombinant Human Serpin B9 (SERPINB9)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113973</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

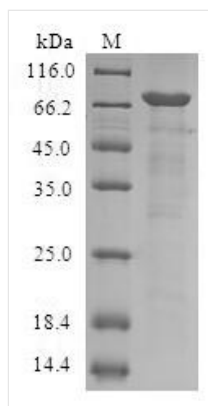
### PRODUCT SYNONYMS

Serpin B9 (SERPINB9); Recombinant Human Serpin B9 (SERPINB9); Serpin B9; Cytoplasmic antiproteinase 3; CAP-3; CAP3; Peptidase inhibitor 9; PI-9; SERPINB9 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      | 1-376aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence                | METLSNASGT FAIRLLKILC QDNPSHNVFC SPVSISSALA MVLLGAKGNT ATQMAQALSL NTEEDIHRAF<br>QSLLEVNKA GTQYLLRTAN RLFGEKTCQF LSTFKESCLQ FYHAELKELS FIRAAEESRK HINTWVSKKT<br>EGKIEELLPG SSIDAETRLV LVNAIFYK GK WNEPFDETYT REMPFKINQE EQRPVQMMYQ EATFKLAHVG<br>EVRAQLLELP YARKELSLLV LLPDDGVELS TVEKSLTFEK LTAWTKPDCM KSTEVEVLLP KFKLQEDYDM<br>ESVLRHLGIV DAFQQGKADL SAMSAERDLC LSKFVHKSFV EVNEEGTEAA AASSCFVVAE CCMESGPRFC<br>ADHPFLFFIR HNRANSILFC GRFSSP |
| Species                 | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                          |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                 |                            |
|-----------------------------------------------------------------|----------------------------|
| Related Product Information for<br>SERPINB9 recombinant protein | Granzyme B inhibitor.      |
| Product Categories/Family for<br>SERPINB9 recombinant protein   | <a href="#">Immunology</a> |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4758906                                                                                                                                                                                                                        |
| NCBI GeneID                      | 5272                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_004146.1                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_004155.5                                                                                                                                                                                                                    |
| UniProt Accession #              | P50453; Q5TD03; B2RBW3                                                                                                                                                                                                         |
| Molecular Weight                 | 69.4 kDa                                                                                                                                                                                                                       |
| NCBI Official Full Name          | serpin B9                                                                                                                                                                                                                      |
| NCBI Official Synonym Full Names | serpin peptidase inhibitor, clade B (ovalbumin), member 9                                                                                                                                                                      |
| NCBI Official Symbol             | SERPINB9                                                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | PI9; CAP3; PI-9; CAP-3                                                                                                                                                                                                         |
| NCBI Protein Information         | serpin B9; peptidase inhibitor 9; cytoplasmic antiproteinase 3; protease inhibitor 9 (ovalbumin type); serpin peptidase inhibitor, clade B, member 9; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9 |
| UniProt Protein Name             | Serpin B9                                                                                                                                                                                                                      |
| UniProt Gene Name                | <b>SERPINB9</b>                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | PI9; CAP-3; CAP3; PI-9                                                                                                                                                                                                         |
| UniProt Entry Name               | SPB9_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://stage.aaabiotech.com/serpinb9-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113973>