

## Serglycin Recombinant Protein | SRGN recombinant protein

Recombinant Human Serglycin, HEK

|                              |                        |
|------------------------------|------------------------|
| CATALOG #<br><b>AAA37985</b> | HOST<br><b>HEK 293</b> |
|------------------------------|------------------------|

### PRODUCT SYNONYMS

Serglycin; Recombinant Human Serglycin; HEK; SRGN Human; Serglycin Human Recombinant; PRG; PRG1; PPG; Proteoglycan 1 secretory granule; Hematopoietic proteoglycan core protein; Platelet proteoglycan core protein; proteoglycan protein core for mast cell secretory granule; SRGN recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK 293                                                                                                                                                                                                                                            |
| Purity/Purification     | Greater than 95.0% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| Form/Format             | SRGN filtered (0.4 um) solution at a concentration of 0.41mg/ml in phosphate buffered saline and 20% (w/v) glycerol                                                                                                                                |
| Sequence                | YPTRRARYQW VRCNPDSNSA NCLEEKGPMF ELLPGESNKI PRLRTDLFPK TRIQDLNRIF PLSEDYSGSG FGSGSGSGSG SGSGFLTEME QDYQLVDESD AFHDNLRSLD RNLPDSQDL GQHGLEEDFM LHHHHHH.                                                                                             |
| Sequence Length         | 158                                                                                                                                                                                                                                                |
| Physical Appearance     | Filtered colorless solution.                                                                                                                                                                                                                       |
| Preparation and Storage | Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SRGN recombinant protein | <p>Introduction: SRGN is identified as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of various hematopoietic cells also hold a protease-resistant peptide core, and is vital for neutralizing hydrolytic enzymes. SRGN is related to the macromolecular complex of granzymes and perforin that acts as a intermediary of granule-mediated apoptosis.</p> <p>Description: Serglycin Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Tyr28-Leu158) containing a total of 137 amino acids, having a calculated molecular mass of 15.5kDa and fused to a 6 aa His tag at C-Terminus.</p> |
| Product Categories/Family for SRGN recombinant protein   | <a href="#">Recombinant &amp; Natural Proteins</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### NCBI AND UNIPROT INFORMATION

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">45935371</a>                                                 |
| NCBI GeneID               | <a href="#">5552</a>                                                     |
| NCBI Accession #          | <a href="#">NP_002718.2</a>                                              |
| NCBI GenBank Nucleotide # | <a href="#">NM_002727.3</a>                                              |
| UniProt Accession #       | <a href="#">P10124</a> ; <a href="#">Q5VW06</a> ; <a href="#">B2R4L7</a> |
| NCBI Official Full Name   | serglycin isoform 1                                                      |

|                                  |                 |
|----------------------------------|-----------------|
| NCBI Official Synonym Full Names | serglycin       |
| NCBI Official Symbol             | SRGN            |
| NCBI Official Synonym Symbols    | PPG; PRG; PRG1  |
| NCBI Protein Information         | serglycin       |
| UniProt Protein Name             | Serglycin       |
| UniProt Gene Name                | <b>SRGN</b>     |
| UniProt Synonym Gene Names       | PRG; PRG1; P.PG |
| UniProt Entry Name               | SRGN_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/srgn-recombinant-protein-hek-293/37985>