

## 32-4959: Recombinant Human Serglycin, HEK

**Alternative Name :** Serglycin, PRG, PRG1, PPG, Proteoglycan 1 secretory granule, Hematopoietic proteoglycan core protein, Platelet proteoglycan core protein, proteoglycan protein core for mast cell secretory granule.

### Description

Source : HEK 293. 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. 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.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** SRGN filtered (0.4µm) solution at a concentration of 0.25mg/ml in phosphate buffered saline and 20% (w/v) glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.  
**Amino Acid :** YPTRRARYQW VRCNPDSNSA NCLEEKGPMF ELLPGESNKI PRLRTDLFPK TRIQDLNRIF  
 PLSYDYSYSGSG FGSGSGSGSGSG SGSGFLTEME QDYQLVDESD AFHDNLRSLD RNLPSDSQDL  
 GQHGLEEDFM L HHHHHH.

