

Serglycin Human Recombinant, HEK

Item Number	rAP-4747
Synonyms	Serglycin, PRG, PRG1, PPG, Proteoglycan 1 secretory granule, Hematopoetic proteoglycan core protein, Platelet proteoglycan core protein, proteoglycan protein core for mast cell secretory granule.
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.
Uniprot Accession Number	P10124
Amino Acid Sequence	YPTRRARYQW VRCNPDSNSA NCLEEKGPMF ELLPGESNKI PRLRTDLFPK TRIQDLNRIF PLSEDYS-GSG FGSGSGSGSG SGSGFLTEME QDYQLVDESDFHDNLRSLD RNLPSDSQDL GQHGLEEDFM L HHHHHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered colorless solution. 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.
Formulation and Purity	SRGN filtered (0.4µm) solution at a concentration of 0.25mg/ml in phosphate buffered saline and 20% (w/v) glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**