

Serglycin Human Recombinant

Item Number	rAP-4748
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	SRGN Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (28-158) and having a molecular mass of 17.4 kDa (Molecular weight on SDS-PAGE will appear higher).SRGN is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chro-
Uniprot Accesion Number	P10124
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMYPTRR ARYQWVRCNP DSNSANCLLEE KGPMFELLPG ESNKIPRLRT DLFPKTRIQD LNRIFPLSED YSGSGFGSGS GSGSGSGSGF LTEMEDYQL VDESDAFHDN LRSLDRNLPS DSQDLGQHGL EEDFML.
Source	E.coli.
Physical Appearance and Stability	Sterile 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	The SRGN solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.15M NaCl and 10% glycerol. Greater than 90% 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**