9051 Mira Mesa Blvd, #910094
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SRGN Human

Serglycin Human Recombinant
RCP2237

Product Overview

Name	SRGN Human
Description	
Serglycin Human Recombinant	
Accession (Primary)	P10124
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.	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SRGN solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.15M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM YPTRR ARYQWVRCNP DSNSANCLEE KGPMFELLPG ESNKIPRLRT DLFPKTRIQD LNRIFPLSED YSGSGFGSGS GSGSGSGSGF LTEMEQDYQL VDESDAFHDN LRSLDRNLPS DSQDLGQHGL EEDFML.	
Precautions	

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SRGN Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10124)