



# Recombinant Human Serglycin (SRGN)

<b>Product Code</b>	CSB-EP022664HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P10124
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	YPT RRARYQWVRC NPDSNSANCL EEKGPMFELL PGESNKIPRL RTDLFPKTRI QDLNRIFPLS EDYSGSGFGS GSGSGSGSGS GFLTEMEQDY QLVDESDAFH DNLRSLDRNL PSDSQDLGQH GLEEDFML
<b>Source</b>	E.coli
<b>Target Names</b>	SRGN
<b>Protein Names</b>	Recommended name: Serglycin Alternative name(s): Hematopoietic proteoglycan core protein Platelet proteoglycan core protein Short name= P.PG Secretory granule proteoglycan core protein
<b>Expression Region</b>	28-158
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a protein best known as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of many hematopoietic cells also contain a protease-resistant peptide core, which may be important for neutralizing hydrolytic enzymes. This encoded protein was found to be associated with the macromolecular complex of granzymes and perforin, which may serve as a mediator of granule-mediated apoptosis.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.