

RP03237

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Recombinant Human Serglycin/SRGN Protein

Catalog No.: RP03237 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	5552	P10124

Tags

C-His

Synonyms

SRGN; PRG; PRG1

Background

SRGN is known as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of various hematopoietic cells has a protease-resistant peptide core, and is vital for neutralizing hydrolytic enzymes. SRGN is associated with the macromolecular complex of granzymes and perforin, which may serve as a mediator of granule-mediated apoptosis. It is required for storage of some proteases in both connective tissue and mucosal mast cells and for storage of granzyme B in T-lymphocytes. SRGN also plays a role in localizing neutrophil elastase in azurophil granules of neutrophils.

Basic Information

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Description

Recombinant Human Serglycin/SRGN Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Tyr28-Leu158) of Human Serglycin/SRGN (Accession #AAA60179.1) fused with His tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

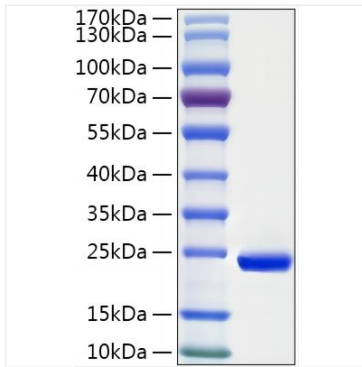
Contact



www.abclonal.com

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Validation Data



Recombinant Human
Serglycin/SRGN Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.