Recombinant Full Length Human SRGN Protein

Cat. No. SRGN-494HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SRGN with N terminal proprietary tag; Predicted MW 43.49 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	158 amino acids
Description	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. Two transcript variants, only one of them protein-coding, have been found for this gene.
Form	Liquid
Molecular Mass	43.490kDa inclusive of tags
AA Sequence	MMQKLLKCSRLVLALALILVLESSVQGYPTQRARYQWVRC NPDSNSANCLEEKGP MFELLPGESNKIPRLRTDLFPKTRI QDLNRIFPLSEDYSGSGFGSGSGSGSGSGSGF LTEMEQDY QLVDESDAFHDNLRSLDRNLPSDSQDLGQHGLEEDFML

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	SRGN serglycin [Homo sapiens]
Official Symbol	SRGN
Synonyms	SRGN; serglycin; PRG, PRG1, proteoglycan 1, secretory granule; PPG; serglycin proteoglycan
Gene ID	5552
mRNA Refseq	NM_002727
Protein Refseq	NP_002718
MIM	177040
UniProt ID	P10124

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