

Product datasheet for **KN202118RB**

Serglycin (SRGN) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD

Symbol: Serglycin

Locus ID: 5552

Components: **KN202118G1**, Serglycin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN202118G2, Serglycin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN202118RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette.
GE100003, scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_001321053](#), [NM_001321054](#), [NM_002727](#), [NR_036430](#)

UniProt ID: [P10124](#)

Synonyms: PPG; PRG; PRG1

Summary: 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. [provided by RefSeq, Jul 2010]



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Product images:

