

## Recombinant Human SRGN protein(Met1-Leu158), His&Myc-tagged

**Cat. No.** SRGN-2369H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SRGN (AAA60179.1) (Met1-Leu158) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged myc at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu158
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SRGN consists of 152 amino acids and predicts a molecular mass of 17.3 KDa. It migrates as an approximately 27 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [SRGN serglycin \[ Homo sapiens \]](#)

**Official Symbol** [SRGN](#)

**Synonyms**

SRGN; serglycin; PRG, PRG1, proteoglycan 1, secretory granule; PPG; serglycin proteoglycan; p.PG; proteoglycan 1, secretory granule; platelet proteoglycan core protein; hematopoetic proteoglycan core peptide; hematopoetic proteoglycan core protein; secretory granule proteoglycan core peptide; secretory granule proteoglycan core protein; proteoglycan protein core for mast cell secretory granule; PRG; PRG1; MGC9289; FLJ12930;

**Gene ID** [5552](#)

**mRNA Refseq** [NM\\_002727](#)

**Protein Refseq** [NP\\_002718](#)

**MIM** [177040](#)

**UniProt ID** [P10124](#)

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