

Serglycin/SRGN Protein, Human (HEK293, His)

Cat. No.:	HY-P76059
Synonyms:	Hematopoietic proteoglycan core protein; Platelet proteoglycan core protein; P.PG; SRGN; PRG; PRG1
Species:	Human
Source:	HEK293
Accession:	CAA34900.1/AAA60179.1 (Y28-L158)
Gene ID:	5552
Molecular Weight:	Approximately 16.1 kDa

PROPERTIES

AA Sequence	<p>Y P T Q R A R Y Q W V R C N P D S N S A N C L E E K G P M F E L L P G E S N K I</p> <p>P R L R T D L F P K T R I Q D L N R I F P L S E D Y S G S G F G S G S G S G S G</p> <p>S G S G F L T E M E Q D Y Q L V D E S D A F H D N L R S L D R N L P S D S Q D L</p> <p>G Q H G L E E D F M L</p>
Biological Activity	Measured in a cell proliferation assay using M-NFS-60 cells. The ED ₅₀ for this effect is 5.616 ng/mL, corresponding to a specific activity is 1.78×10 ⁵ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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