

**Fibronectin Type III Connecting Segment (1-25)**  
**Synthetic Peptide**  
**Catalog # SP2585a****Specification**

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**Fibronectin Type III Connecting Segment (1-25) - Product Information**

Primary Accession [Q28275](#)  
Other Accession [P02751](#), [P04937](#), [P11276](#), [P07589](#)  
Sequence **NH2-DELPQLVTLPHPNLHGPEILDVPST-COOH**

**Fibronectin Type III Connecting Segment (1-25) - Additional Information**

**Other Names**  
Fibronectin, FN, FN1

**Format**  
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**  
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**  
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Fibronectin Type III Connecting Segment (1-25) - Protein Information**

**Name** FN1 {ECO:0000250|UniProtKB:P02751}

**Function**  
Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (By similarity). Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts (By similarity).

**Cellular Location**  
Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P11276}. Secreted {ECO:0000250|UniProtKB:P11276}

**Tissue Location**  
[Isoform 2]: Major transcript in articular cartilage, but it is absent from liver.

**Fibronectin Type III Connecting Segment (1-25) - Images**