

## Fibronectin Type III Connecting Segment Fragment 1-25

Cat. No.:	HY-P2719
CAS No.:	107978-77-8
Molecular Formula:	C <sub>123</sub> H <sub>195</sub> N <sub>31</sub> O <sub>39</sub>
Molecular Weight:	2732.05
Sequence:	Asp-Glu-Leu-Pro-Gln-Leu-Val-Thr-Leu-Pro-His-Pro-Asn-Leu-His-Gly-Pro-Glu-Ile-Leu-Asp-Val-Pro-Ser-Thr
Sequence Shortening:	DELPQLVTLPHPNLHGPEILDVPST
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Fibronectin Type III Connecting Segment Fragment 1-25 is a peptide that is responsible for melanoma cell adhesion, and plays an important role in development of the peripheral nervous system in chicken<sup>[1][2]</sup>.

### REFERENCES

[1]. A Komoriya, et al. The minimal essential sequence for a major cell type-specific adhesion site (CS1) within the alternatively spliced type III connecting segment domain of fibronectin is leucine-aspartic acid-valine. *J Biol Chem.* 1991 Aug 15;266(23):15075-9.

[2]. M J Humphries, et al. Neurite extension of chicken peripheral nervous system neurons on fibronectin: relative importance of specific adhesion sites in the central cell-binding domain and the alternatively spliced type III connecting segment. *J Cell Biol.* 1988 Apr;106(4):1289-97.

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

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