

Fibrinopeptide B, human

Cat. No.:	HY-P1493
CAS No.:	36204-23-6
Molecular Formula:	C ₆₆ H ₉₃ N ₁₉ O ₂₅
Molecular Weight:	1552.56
Sequence:	{Glp}-Gly-Val-Asn-Asp-Asn-Glu-Glu-Gly-Phe-Phe-Ser-Ala-Arg
Sequence Shortening:	{Glp}-GVNDNEEGFFSAR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Fibrinopeptide B, human is a 14-aa peptide, released from the amino-terminus of β -chains of fibrinogen by thrombin.
In Vitro	<p>Fibrinopeptide B, human is released from the amino-terminus of the B 3-chains of fibrinogen by thrombin. Fibrinopeptide B, human (hFpB, 10 nM) causes directed cell migration of neutrophils (PMN), and fibroblasts. Fibrinopeptide B, human also possesses potent chemotactic activity relative to human complement (C5a), leukotriene B4 (LTB4), and formyl-methionylleucyl-phenylalanine (fMLP), and for fibroblasts its chemotactic activity is comparable to that of platelet-derived growth factor. However, Fibrinopeptide B, human is not chemotactic for monocytes, and shows no interaction with PMN receptor for C5a, LTB4, or fMLP^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Senior RM, et al. Effects of fibrinogen derivatives upon the inflammatory response. Studies with human fibrinopeptide B. J Clin Invest. 1986 Mar;77(3):1014-9.

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

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