

VEGFA 抗原

中文名称： VEGFA 抗原

英文名称： VEGFA Antigen

相关类别： 抗原

储 存： 冷冻（-20℃）

概述

Synthetic peptide corresponding to a region derived from 130-143 amino acids of human vascular endothelial growth factor A

技术规格

Full name	vascular endothelial growth factor A
Synonyms	VPF, VEGF, MVCD1
Swissprot	P15692
Gene Accession	NP_001020537
Background	This gene is a member of the PDGF/VEGF growth factor family and encodes a protein that is often found as a disulfide linked homodimer. This protein is a glycosylated mitogen that specifically acts on endothelial cells and has various effects, including mediating increased vascular permeability, inducing angiogenesis, vasculogenesis and endothelial cell growth, promoting cell migration, and inhibiting apoptosis. Elevated levels of this protein is linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in this gene have been associated with proliferative and nonproliferative diabetic retinopathy. Alternatively spliced transcript variants, encoding either freely secreted or cell-associated isoforms, have been characterized. There is also evidence for the use of non-AUG (CUG) translation initiation sites upstream of, and in-frame with the first AUG, leading to additional isoforms.

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