



Mouse VEGFA peptide (DAG341)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Vascular endothelial growth factor (VEGF) is a signal protein produced by cells that stimulates vasculogenesis and angiogenesis. It is part of the system that restores the oxygen supply to tissues when blood circulation is inadequate. VEGF's normal function is to create new blood vessels during embryonic development, new blood vessels after injury, muscle following exercise, and new vessels (collateral circulation) to bypass blocked vessels
Species	Mouse
Conjugate	Unconjugated
Applications	The biological activity is determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 1.0-5.0 ng/ml. Each laboratory should determine an optimum working titer for use in
Format	Purified, Lyophilized. Reconstitute using sterile deionized water to a concentration 100 µg/ml. Further dilutions can be made in other aqueous buffers.
Concentration	1 mg/ml (OD280nm, E0.1% = 0.2875) (prior to lyophilization)
Buffer	Not applicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Keywords	VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; VEGF-A; MGC70609; vascular permeability factor; vascular endothelial growth factor isoform VEGF165
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GENE INFORMATION

Entrez Gene ID

[7422](#)

UniProt ID

[P15692](#)