

VEGF121, human recombinant protein

Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, MGC70609.

Catalog # PBV10510r

Specification

VEGF121, human recombinant protein - Product info

Primary Accession	P15692
Calculated MW	28.4 kDa KDa

VEGF121, human recombinant protein - Additional Info

Gene ID	7422
Gene Symbol	VEGFA

Other Names

Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGF, MGC70609.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	0.1-0.5 ng/ml

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Lyophilized with no additives

VEGF121, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VEGF121, human recombinant protein - Images**VEGF121, human recombinant protein - Background**

VEGF (Vascular Endothelial Growth Factor) is a secreted homodimeric protein, secreted by a variety of Vascularized tissues. VEGF stimulates endothelial cell growth, angiogenesis, and capillary permeability. Human VEGF is a 28.4 kDa homodimeric protein consisting of two 121 amino acid polypeptide chains.