

Recombinant Human VEGF₁₂₁

CATALOG #: 4963-10 10 µg
4963-50 50 µg
4963-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg of VEGF.

MOL. WEIGHT: 28.4 kDa

FORM: Lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water 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.

STORAGE CONDITIONS:

The lyophilized VEGF is best-stored desiccated below 0°C. Reconstituted VEGF should be stored in working aliquots at -20°C.

DESCRIPTION:

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.

BIOLOGICAL ACTIVITY:

Determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC) using a concentration range of 0.1-0.5 ng/ml.

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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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