

## Recombinant Human EG-VEGF

<b>CATALOG #:</b>	4571-10	10 µg
	4571-50	50 µg
	4571-1000	1 mg
<b>LOT #:</b>	_____	
<b>PURITY:</b>	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg.	
<b>FORM:</b>	Lyophilized from a 0.2 µm filtered solution in PBS	

### SOURCE:

A DNA sequence encoding the human EG-VEGF precursor, Met-1 – Phe 105 was fused with a 6X histidine tag at the C-terminus and expressed in a mouse myeloma cell line.

### RECONSTITUTION:

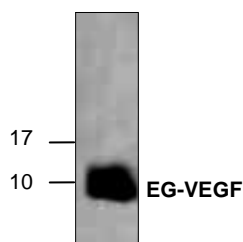
Centrifuge the vial prior to opening. Reconstitute in sterile PBS to a concentration of 0.1-1.0 mg/ml containing 0.1% BSA. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C Stable for up to 1 year. Reconstituted EG-VEGF should be stored in working aliquots at -20°C, stable for up to 3 months. Avoid freeze/thaw cycles.

### DESCRIPTION:

Human EG-VEGF (Endocrine-gland-derived vascular endothelial growth factor) induces proliferation, migration and fenestration in capillary endothelial cells derived from endocrine glands. Recombinant EG-VEGF has a calculated molecular mass of approximately 9.5 kDa protein consisting of 86 amino acid residues.



**Cat. #: 4571-10**  
Purity of recombinant human EG-VEGF (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans.**