

# Recombinant Human VEGF-C

<b>CATALOG #:</b>	4633-10	10 µg
	4633-50	50 µg
	4633-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>90% by SDS-PAGE analyses Endotoxin level is <0.1 ng per µg of VEGF-C	
<b>MOL. WEIGHT:</b>	15-16 kDa	
<b>FORM:</b>	Lyophilized	

## RECONSTITUTION:

We recommend a quick spin followed by reconstitution in 0.1% acetic acid to a concentration of 0.1-1.0 mg/ml. The solution should be stored at -70°C.

## STORAGE CONDITIONS:

The lyophilized VEGF-C is best-stored at -20°C. Reconstituted VEGF-C should be stored in working aliquots at -70°C.

## DESCRIPTION:

The recombinant VEGF-C (Vascular Endothelial Growth Factor-C) is a 125 amino acid protein that lacks the N-terminal signal peptide (from T103 to R227 of Gene Bank U58111). Human VEGF-C exhibits about 85% homology with murine VEGF-C.

## ACTIVITY:

Activity of VEGF-C is tested by the stimulation of VEGF-R3 phosphorylation in cells transfected with VEGF-R3. The expected ED<sub>50</sub> is ≥ 200 ng/ml.

**For Research Use Only! Not to be used in humans.**

## RELATED PRODUCTS:

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- 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