

# Recombinant Human EMAP-II

<b>CATALOG #:</b>	4463-20	20 µg
	4463-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>98% by SDS-PAGE analyses Endotoxin level is <0.1 ng per µg of EMAP-II.	
<b>MOL. WEIGHT:</b>	18.3 kDa	
<b>FORM:</b>	Lyophilized from a concentrated (1 mg/ml) solution in water containing 20 mM sodium Phosphate buffer pH7.5 and 130 mM sodium chloride.	
<b>RECONSTITUTION:</b>	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.	
<b>STORAGE CONDITIONS:</b>	The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human EMAP-II should be stored in working aliquots at -20°C.	
<b>DESCRIPTION:</b>	Endothelial-Monocyte Activating Polypeptide-II (EMAP-II) is a tumor derived cytokine that is an anti-angiogenic factor in tumor vascular development, and strongly inhibits tumor growth. Recombinant human EMAP-II is an 18.3 kDa protein containing 166 amino acid residues.	
<b>BIOLOGICAL ACTIVITY:</b>	Determined by its ability to induce apoptosis in MCF-7 cells using a concentration range of 20-40 ng/ml.	
<b>USAGE:</b>	<i>For Research Use Only! Not to be used in humans.</i>	

## 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