

Recombinant Human EMAP-II

CATALOG #:	4463-20	20 µg
	4463-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE analyses Endotoxin level is <0.1 ng per µg of EMAP-II.	
MOL. WEIGHT:	18.3 kDa	
FORM:	Lyophilized from a concentrated (1 mg/ml) solution in water containing 20 mM sodium Phosphate buffer pH7.5 and 130 mM sodium chloride.	
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 protein is best-stored desiccated below 0°C. Reconstituted human EMAP-II should be stored in working aliquots at -20°C.	
DESCRIPTION:	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.	
BIOLOGICAL ACTIVITY:	Determined by its ability to induce apoptosis in MCF-7 cells using a concentration range of 20-40 ng/ml.	

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

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