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## **Recombinant Human EMAP-II**

**Description:** Human Endothelial-Monocyte Activating Polypeptide-II (EMAP-II) is a novel cytokine that is an antiangiogenic factor in tumor vascular development, and strongly inhibits tumor growth. Recombinant human EMAP-II is a 18.3 kDa protein consisting of 166 amino acid residues.

<b>Source:</b>	E. coli
<b>Molecular Weight:</b>	18.3 kDa
<b>Purity:</b>	> 98% by SDS-PAGE and HPLC analyses
<b>Endotoxin level:</b>	< 0.1 ng per µg of EMAP-II
<b>Stabilizer:</b>	none
<b>Formulation:</b>	lyophilized

**Biological Activity:** EMAP-II's biological activity was determined by the apoptotic effect on MCF-7 cells (human breast carcinoma cells) using a concentration of 20.0-40.0 ng/ml.

**Reconstitution:** We recommended a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted into other aqueous buffers and stored at 4°C for one week or at -20°C for future use.

**Stability:** The lyophilized human EMAP-II, is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted human EMAP-II should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

**Usage:** Human EMAP-II is offered for research use. Not for drug use. **Not for human use.**

<b>Catalogue number:</b> 100-010	<b>Size:</b> 20 µg
	<b>Range:</b> 20.0-40.0 ng/ml

**\*\*please note: always centrifuge product before opening Vial.\*\***