

**EMAP-II, Human**  
Catalog # PVGS1048**Specification**

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**EMAP-II, Human - Product Information****Species**  
Human**Sequence**  
SKPIDVSRLD LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQRNM  
VILLCNLKPA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITFADF PGEPDKELNP  
KKKIWEQIQP DLHTNDECVA TYKGVPFVEK GKGVCRAQTM SNSGIK**Purity**  
> 98 % by SDS-PAGE and HPLC analyses.**Endotoxin Level**  
Less than 1 EU/ µg of rHuEMAP-II as determined by LAL method.**Formulation** **Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.****Reconstitution**  
We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.**EMAP-II, Human - Additional Information****Target Background**  
EMAP-II is a tumor derived cytokine that exerts a wide range of activities on endothelial cells, monocytes and neutrophils. EMAP-II inhibits endothelial cell proliferation, vasculogenesis, neovessel formation, and can induce apoptosis. It is also chemotactic towards neutrophils and monocytes and induces myeloperoxidase activity from neutrophils. Of clinical importance, EMAP-II inhibits angiogenesis of vascular beds and suppresses the growth of primary and secondary tumors without affecting normal tissues. Mature EMAP-II is an 18.3 kDa protein, which is synthesized as the C-terminal portion of a biologically inactive precursor protein containing a propeptide of 146 amino acid residues.**EMAP-II, Human - Protein Information****EMAP-II, Human - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**EMAP-II, Human - Images**