

# Recombinant Human Endothelial-Monocyte Activating Polypeptide II

Catalog No: #AP60038

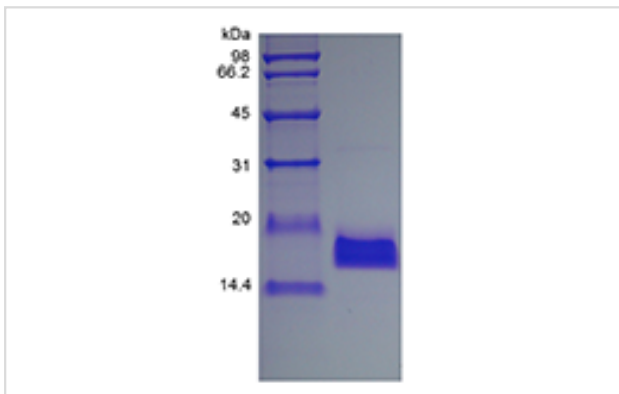
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Package Size: #AP60038-1 5ug #AP60038-2 100ug #AP60038-3 500ug

## Description

Product Name	Recombinant Human Endothelial-Monocyte Activating Polypeptide II
Host Species	Escherichia coli.
Purification	> 98 % by SDS-PAGE and HPLC analyses.
Other Names	SCYE1, EMAP-2, Small Inducible Cytokine Subfamily E Member 1
Uniprot	Q12904
GeneID	9255
Calculated MW	Approximately 18.2 kDa, a single non-glycosylated polypeptide chain containing 166 amino acids.
Target Sequence	SKPIDVSRRLD LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQRNM VILLCNLKPA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITFD AF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFVEVK GKGVCRAQTM SNSGIK
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

## Images



## Background

Endothelial-Monocyte Activating Polypeptide II (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.

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Note: This product is for in vitro research use only