Human EMAP-II

Synonyms: AIMP1, EMAP2, EMAP-2, EMAPII, SCYE1, Multisynthetase complex auxiliary component p43, Endothelial monocyte-activating polypeptide 2, EMAP-II, p43.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1330.950.005		
20 µg	1330.950.020		
1 mg	1330.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

EMAP-II Recombinant Human produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 166 amino acids and having a molecular mass of 18.3 kDa.

- **Source** *E. coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Lyophilized from a concentrated (1 mg/ml) solution in water containing 20mM sodium Phosphate buffer pH = .5 and 130mM sodium chloride*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

Determined by the apoptotic effect on MCF-7 cells using a concentration of 20-30 ng/ml.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized EMAP-II although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EMAP-II should be stored at 4°C between 2-7 days and for future use below -18°C. Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

SKPIDVSRLD LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQNRM VILLCNLKPA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITFDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFEVK GKGVCRAQTM SNSGIK

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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