



Recombinant Human EMAP II

Datasheet

Catalog Number: PR27177

Product Type: Recombinant Protein

Source: E. Coli

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

Amino Acid Sequence: SKPIDVSRDL LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQM QNRM VILLCNLKP A KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITFDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFVVK GKGVCRAQTM SNSGIK.

Description/Molecular Mass: 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. The EMAP-II is purified by proprietary chromatographic techniques.

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

Purity: Greater than 98.0% as determined by
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE..

Format: Lyophilized from a concentrated (1mg/ml) solution in water containing 20mM sodium Phosphate buffer pH=7.5 and 130mM sodium chloride.

It is recommended to reconstitute the lyophilized EMAP-II in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage: 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 prevent freeze-thaw cycles

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