

Product Datasheet

Recombinant Human EMAP-II/AIMP1 Protein NBP2-34954-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-34954-5ug

Recombinant Human EMAP-II/AIMP1 Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to 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
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	18.2 kDa

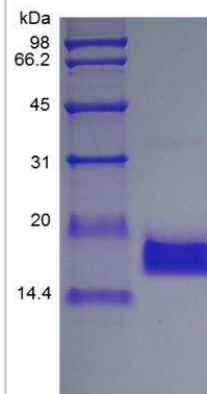
Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 166 amino acids corresponding to EMAP-II/AIMP1 Source: <i>E. coli</i></p> <p>Uniprot ID: Q12904</p> <p>Amino Acid Sequence: SKPIDVSRLD LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEMQNRM VILLCNLKPA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPFVK GKGVCRAQTM SNSGIK</p>
Gene ID	9255
Gene Symbol	AIMP1
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by the apoptotic effect using serum free human MCF-7 cells is less than 40 ng/ml, corresponding to a specific activity of > 2.5 x 10 ⁴ IU/mg.
Endotoxin Note	Less than 1 EU/ug of EMAP-II/AIMP1 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



Images

SDS-Page: Recombinant Human EMAP-II/AIMP1 Protein [NBP2-34954]
- SDS-PAGE of NBP2-34954, showing a band at approximately 18 kDa.





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Products Related to NBP2-34954-5ug

NBP1-50936-0.01mg	Recombinant Human EMAP-II/AIMP1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-27206	EMAP-II/AIMP1 Antibody
NB100-56116	Caspase-8 Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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