

Active Recombinant Human AIMP1 protein, His-tagged

Cat. No. AIMP1-345H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIMP1 protein(NP_004748.2) (Ala 2-Lys 312) was expressed in E. coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	2-312 aa
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl, 10% Glycerol (pH 8.0).
Bio-activity	Immobilized Human EMAP-II, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-EMAP-II Antibody, hFc Tag with the EC50 of 0.20ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 35.4 kDa. The protein migrates to 40-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw

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cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

[AIMP1 aminoacyl tRNA synthetase complex-interacting multifunctional protein 1 \[Homo sapiens \]](#)

Official Symbol

[AIMP1](#)

Synonyms

AIMP1; aminoacyl tRNA synthetase complex-interacting multifunctional protein 1; SCYE1, small inducible cytokine subfamily E, member 1 (endothelial monocyte activating); aminoacyl tRNA synthase complex-interacting multifunctional protein 1; ARS interacting multifunctional protein 1; EMAP II; EMAP 2; EMAPII; p43; ARS-interacting multifunctional protein 1; endothelial monocyte-activating polypeptide 2; multisynthase complex auxiliary component p43; endothelial-monocyte activating polypeptide II; multisynthetase complex auxiliary component p43; small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating); HLD3; EMAP2; SCYE1;

Gene ID

[9255](#)

mRNA Refseq

[NM_001142415](#)

Protein Refseq

[NP_001135887](#)

MIM

[603605](#)

UniProt ID

[Q12904](#)

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