## **Product information**



### AIMP1, 1-336 aa

Human, His-tagged, Recombinant, E.coli

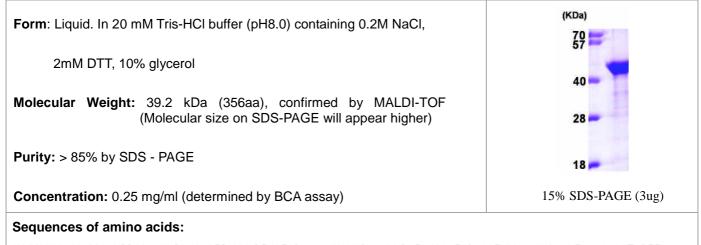
### Cat. No. IBATGP0852

Full Name: Aminoacyl tRNA synthase complex-interacting multifunctional protein 1

Synonyms: EMAP2, EMAPII, p43, SCYE1

NCBI Accession No.: NP\_001135888

**Description**: AIMP1, also known as EMPA2 or p43, is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Recombinant human AIMP1 protein, fused to Histag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.



MGSSHHHHHHSSGLVPRGSHMLPAVAVSEPVVLRFMIFCRLLAKMANNDAVLKRLEQKGAEADQIIEYLKQQVSLLKEKAILQATLREEKKLRVENAKLKKEIEELKQELIQAEIQNGVKQIPFPSGTPLHANSMVSENVIQSTAVTTVSSGTKEQIKGGTGDEKKAKEKIEKKGEKKEKKQQSIAGSADSKPIDVSRLDLRIGCIITARKHPDADSLYVEEVDVGEIAPRTVVSGLVNHVPLEQMQNRMVILLCNLKPAKMRGVLSQAMVMCASSPEKIEILAPPNGSVPGDRITFDAFPGEPDKELNPKKKIWEQIQPDLHTNDECVATYKGVPFEVKGKGVCRAQTMSNSGIK

#### **General references:**

Zhu X., et al. (2009) Proc Natl Acad Sci U S A. 106(37):15944-9.

Kim E., et al. (2008) J Immunol. 180(5):2894-902.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.



# **Product information**

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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