

32-1143: AIMP1 Recombinant Protein

Alternative Name : Aminoacyl tRNA synthase complex-interacting multifunctional protein 1, Multisynthase complex auxiliary component p43, AIMP1, EMAP2, SCYE1, p43, EMAPII.

Description

Source : Escherichia Coli. AIMP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 356 amino acids (1-336 a.a.) and having a molecular mass of 39.2kDa (Molecular size on SDS-PAGE will appear higher). The AIMP1 is purified by proprietary chromatographic techniques. AIMP1 (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 the AIMP1 cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. Furthermore, AIMP1 is involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells.

Product Info

Amount : 5 µg
Purification : Greater than 85.0% as determined by SDS-PAGE.
Content : The AIMP1 solution (0.25 mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 10% glycerol.
Storage condition : AIMP1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MLPAAVSEP VVLRFMIFCR LLAKMANND A VLKRLEQKGA EADQIIEYLK QQVSLLEKA ILQATLREEK KLRVENAKLK KEIEELKQEL IQAEIQNGVK QIPFPGTPL HANSMVSENV IQSTAVTTVS SGTKEQIKGG TGDEKKAKEK IEKKGEKKEK KQQSIAGSAD SKPIDVSRDL LRIGCIITAR KHPDADSLYV EEVDVGEIAP RTVVSGLVNH VPLEQMQRNM VILLCNLKA KMRGVLSQAM VMCASSPEKI EILAPPNGSV PGDRITDAF PGEPDKELNP KKKIWEQIQP DLHTNDECVA TYKGVPEVK GKGVCRAQTM SNSGIK.

