

Recombinant Human AIMP1

Catalog No: #GP13597



Package Size: #GP13597-1 100ug

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Description

Product Name	Recombinant Human AIMP1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-312 amino acids of human AIMP1
Target Name	aminoacyl tRNA synthetase complex interacting multifunctional protein 1
Other Names	p43; HLD3; EMAP2; SCYE1; EMAPII
Accession No.	Swissprot:Q12904Gene Accession:BC014051
Uniprot	Q12904
GeneID	9255;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene 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. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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