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Datasheet for ABIN6386667

AIMP1 Protein (AA 1-336) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	AIMP1
Protein Characteristics:	AA 1-336
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AIMP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	AIMP1, 1-336aa, Human, His tag, E.coli
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	AIMP1
Alternative Name:	AIMP1 (AIMP1 Products)
Background:	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 His-tag at N-terminus, was

Target Details

expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Aminoacyl tRNA synthase complex-interacting multifunctional protein 1 , EMAP2, EMAPII, p43, SCYE1. NCBI no.: NP_001135888

Molecular Weight: 39.2 kDa (356aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Application Details

Restrictions: For Research Use only

Handling

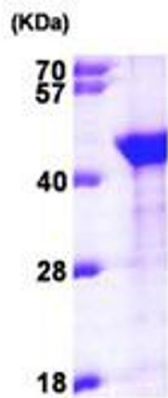
Format: Liquid

Concentration: 0.25 mg/ml (determined by BCA assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 2mM DTT, 10% glycerol

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.