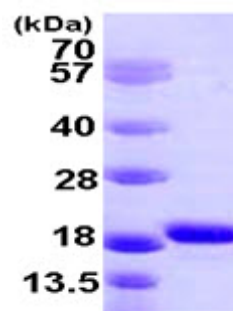


AR09946PU-N

Human AIF1 (1-147, His-tag) - Purified

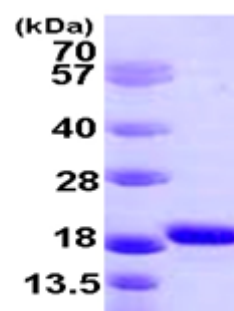
Alternate names:	AIF-1, Allograft inflammatory factor 1, IBA1, Ionized Calcium-Binding Adapter Molecule 1, Protein G1
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	AIF1 (Allograft inflammatory factor 1) is induced by cytokines and interferon. This protein is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti-inflammatory response to vessel wall trauma. AIF1 is a cytoplasm, calcium-binding protein whose expression in transplanted human hearts correlates with rejection and development of coronary artery vasculopathy (CAV).
Uniprot ID:	P55008
NCBI:	NP_001614
GeneID:	199
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl
Description:	Recombinant human AIF1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHH SSGLVPRGSH</u> MSQTRDLQGG KAFGLLKAQQ EERLDEINKQ FLDDPKYSSD EDLP SKLEGF KEKYMEDLN GNGDIDIMSL KRMLEKLGVP KTHLELKKLI GEVSSGSGET FSYPDFLRMM LGKRSAILKM ILMYEEKARE KEKPTGPPAK KAISELP Molecular weight: 18.9 kDa (167aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Kelemen S.E., et al (2005) Am. J. Pathol. 167:619-626. Schulze J.O., et al. (2008) FEBS J. 275:4627-4640.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human AIF1, 1-147 aa, His-tagged



15% SDS-PAGE (3ug)