

Recombinant Full Length Human AIF1 Protein, GST-tagged

Cat. No. AIF1-954HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AIF1 full-length ORF (AAH09474.1, 1 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	147 amino acids
Description	This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016]
Molecular Mass	41.91 kDa
AA Sequence	MSQTRDLQGG KAFGLLKAQQ EERLDEINKQ FLDDPKYSSD EDLPSKLEGF KEKYMEFDLN GNGDIDIMSL KRMLEKLGVP KTHLELKKLI GEVSSGSGET FSYPDFLRMM LGKRSAILKV ILMYEEKARE KEKPTGPPAK KAISELP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AIF1 allograft inflammatory factor 1 [Homo sapiens]
Official Symbol	AIF1
Synonyms	AIF1; allograft inflammatory factor 1; AIF 1; Em:AF129756.17; IBA1; interferon gamma responsive transcript; ionized calcium binding adapter molecule 1; IRT 1; protein G1; ionized calcium-binding adapter molecule 1; allograft inflammatory factor-1 splice variant Hara-1; IRT1; AIF-1; IRT-1
Gene ID	199
mRNA Refseq	NM_001623
Protein Refseq	NP_001614
MIM	601833
UniProt ID	P55008