

Recombinant Human AIF1, His-tagged

Cat. No. AIF1-100H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 155 aa; MW 17.7 kDa (calculated); N-terminal His-tag; 9 extra amino acids (highlighted).
Species	Human
Source	E.coli
Description	This gene is induced by cytokines and interferon. Its protein product 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. The gene expresses three transcripts.
Form	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 5mM TRIS, 25mM NaCl, pH 7.5.
Research topic	Energy metabolism and body weight regulation.
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	MKHHHHHHAS QTRDLQGGKA FGLLKAQQEE RLDEINKQFL DDPKYSSDED LPSKLEGFKE KYMEFDLNGN GDIDIMSLKR MLEKLGVPKT HLELKKLIGE VSSGSGETFS YPDFLRMMLG KRSAILKMIL MYEEKAREKE KPTGPPAKKA ISELP
Storage	Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.
GENE INFORMATION	
Gene Name	AIF1 allograft inflammatory factor 1 [Homo sapiens]
Official Symbol	AIF1
Synonyms	AIF1; allograft inflammatory factor 1; IBA1; IRT1; AIF-1; IRT-1; protein G1; OTTHUMP00000029354; OTTHUMP00000029356; OTTHUMP00000029358; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1
Gene ID	199
mRNA Refseq	NM_001623
Protein Refseq	NP_001614
MIM	601833
UniProt ID	P55008
Chromosome	6p21.3

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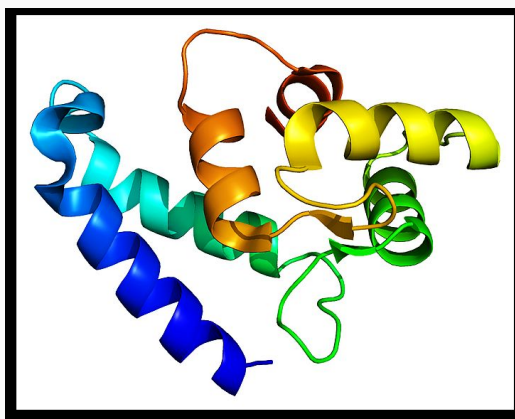
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Location

Function

actin filament binding; calcium ion binding

**Allograft
inflammatory factor 1**



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