

## Recombinant Human AIF1 Protein, GST-tagged

**Cat. No.** AIF1-472H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human AIF1 full-length ORF ( AAH09474.1, 1 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	41.91 kDa
<b>AA Sequence</b>	MSQTRDLQGGKAFGLLKAQQEERLDEINKQFLDDPKYSSDEDLPSKLEGFKEKAYME FDLNGNGDIDIMSLKRMLEKLGVPKTHLELKKLIGEVSSGSGETFSYPDFLRMMLGK RSAILKVILMYEEKAREKEKPTGPPAKKAISELP
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">AIF1 allograft inflammatory factor 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">AIF1</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">199</a>
<b>mRNA Refseq</b>	<a href="#">NM_001623</a>
<b>Protein Refseq</b>	<a href="#">NP_001614</a>
<b>MIM</b>	<a href="#">601833</a>
<b>UniProt ID</b>	<a href="#">P55008</a>

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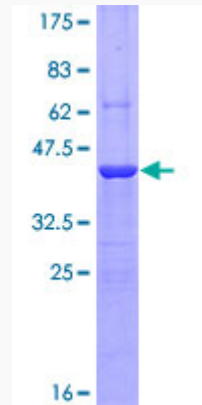
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**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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