



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### AIFM1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00009131-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human AIFM1 full-length ORF ( NP\_004199.1, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MFRCGGLAAGALKQKLVLVVRTVCVRSRQRNRLPG  
NLFQRWHVPLELQMTRQMASSGASGGKIDNSVLVIV  
GLSTVGAGAYAYKTMKEDEKRYNERISGLGLTPEQKQ  
KKAALSASEGEEVPQDKAPSHVPFLIGGGTAAFAAAR  
SIRARDPGARVLIVSEDEPELPMRPLSKELWFSDDPN  
VTKTLRFKQWNGKERSIYFQPPSFYVSAQDLPHIENG  
GVAULTGKKVQLDVRDNMVKLNDGSQITYEKLIATG  
GTPRSLSAIDRAGAIEVKSRTTLFRKIGDFRSLEKISREV  
KSITIIGGGFLGSELACALGRKARALGTEVIQLFPEKGN  
MGKILPEYLSNWTMEKVRREGVKVMPNAIVQSVGVSS  
GKLLIKLDGRKVETDHIVAAVGLPNVELAKTGGLID  
SDFGGFRVNAELQARSNIWVAGDAACFYDIKLGRRRV  
EHHDHAVVSGRLAGENMTGAAKPYWHQSMFWSDLG  
PDVGYEAIGLVDSSLPTVGVFAKATAQDNPKSATEQS  
GTGIRSESETESEASEITIPPSTPAVPQAPVQGEDYGK  
GVIFYLRDKVVVGIVLWNIFNRMPIARKIIKDGEQHEDL  
NEVAKLFNIHED

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 93.3

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 9131

**Gene Symbol:** AIFM1

**Gene Alias:** AIF, MGC111425, PDCD8

**Gene Summary:** This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it effects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq]