

## Recombinant Human AIF1 Protein, GST-tagged

**Cat. No.** AIFM3-475H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human AIFM3 full-length ORF ( NP_001018070.1, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | AIFM3 (Apoptosis Inducing Factor, Mitochondria Associated 3) is a Protein Coding gene. GO annotations related to this gene include oxidoreductase activity and 2 iron, 2 sulfur cluster binding. An important paralog of this gene is AIFM1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 92.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>MGGCFSKPKPVELKIEVVLPEKERGKEELSASGKGSPRAYQGNGTARHFHTEERLS</p> <p>TPHPYPSPQDCVEAAVCHVKDLENGQMREVELGWGKVLLVKDNGEFHALGHKCPH</p> <p>YGAPLVKGVLSRGRVRCPPWHGACFNISTGDLEDFPGLDSLHKFQVKIEKEKVYVRA</p> <p>SKQALQLQRRTKVMAKCISPSAGYSSSTNVLIVGAGAAGLVCAETLRQEGFSDRIVL</p> <p>CTLDRHLPYDRPKLSKSLDTQPEQLALRPKEFFRAYGIEVLTEAQVTVDVRTKKVV</p> <p>FKDGFKLEYSKLLLAPGSSPKTLSCKGKEVENVFTIRTPEDANRVVRLARGRNVVVV</p> <p>GAGFLGMEVAAYLTEKAHSVSVVELEETPFRRFLGERVGRALMKMFENNRVKFYM</p> <p>QTEVSELRGQEGKLKEVVLKSSKVVRADVGVGIGAVPATGFLRQSGIGLDSRGFIP</p> <p>VNKMMQTNVPGVFAAGDAVTFPLAWRNNRKVNIPHWQMAHAQGRVAAQNMLAQE</p> <p>AEMSTVPYLWTAMFGKSLRYAGYGEGFDDVIIQGDLEELKFVAFYTKGDEVIASVM</p> <p>NYDPIVSKVAEVLASGRAIRKREVETGDMSWLTGKGS</p> |

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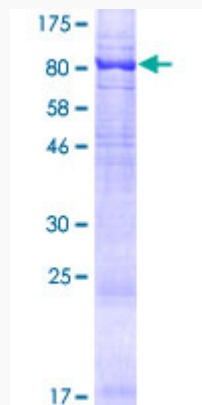
 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                     |
| <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>        | AIFM3 apoptosis-inducing factor, mitochondrion-associated, 3 [ Homo sapiens ]                                                                         |
| <b>Official Symbol</b>  | AIFM3                                                                                                                                                 |
| <b>Synonyms</b>         | AIFM3; apoptosis-inducing factor, mitochondrion-associated, 3; apoptosis-inducing factor 3; AIFL; FLJ30473; apoptosis-inducing factor like; FLJ45137; |
| <b>Gene ID</b>          | 150209                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_001018060                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_001018070                                                                                                                                          |
| <b>MIM</b>              | 617298                                                                                                                                                |
| <b>UniProt ID</b>       | Q96NN9                                                                                                                                                |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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