

Recombinant Human AIFM2 Protein, GST-tagged

Cat. No. AIFM2-474H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AIFM2 full-length ORF (NP_116186.1, 1 a.a. - 373 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells. [provided by RefSeq, Nov 2010]
Molecular Mass	66.9 kDa
AA Sequence	MGSQVSVESGALHVVIVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRAS VETGFAKKTFSISVTFKDNFRQGLVVGIDLKNQMVLLQGGEALPFSHLILATGSTGP FPGKFNEVSSQAAIQAYEDMVRQVQRSRFIVVGGGSAGVEMAAEIKTEYPEKEV TLIHSQVALADKELLPSVRQEVKEILLRKGVQLLSERVSNLEELPLNEYREYIKVQTD KGTEVATNLVILCTGIKINSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCA DVRTPKMAYLAGLHANIAVANIVNSVKQRPLQAYKPGALTFLSMGRNDGVGQISGF YVGRLMVRLTKSRDLFVSTSWKTMRSPP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. 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	AIFM2 apoptosis-inducing factor, mitochondrion-associated, 2 [Homo sapiens]
Official Symbol	AIFM2
Synonyms	AIFM2; apoptosis-inducing factor, mitochondrion-associated, 2; AMID, apoptosis inducing factor (AIF) like mitochondrion associated inducer of death; apoptosis-inducing factor 2; FLJ14497; PRG3; p53-responsive gene 3 protein; apoptosis-inducing factor (AIF)-like mitochondrion-associated inducer of death; apoptosis-inducing factor (AIF)-homologous mitochondrion-associated inducer of death; AMID; RP11-367H5.2; DKFZp686L1298;
Gene ID	84883
mRNA Refseq	NM_032797
Protein Refseq	NP_116186
MIM	605159
UniProt ID	Q9BRQ8

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