Recombinant Full Length Human AIFM2 Protein, GST-tagged

Cat. No. AIFM2-956HF **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	In Vitro Cell Free System
ProteinLength	373 amino acids
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	MGSQVSVESG ALHVVIVGGG FGGIAAASQL QALNVPFMLV DMKDSFHHNV AALRASVETG FAKKTFISYS VTFKDNFRQG LVVGIDLKNQ MVLLQGGEAL PFSHLILATG STGPFPGKFN EVSSQQAAIQ AYEDMVRQVQ RSRFIVVVGG GSAGVEMAAE IKTEYPEKEV TLIHSQVALA DKELLPSVRQ EVKEILLRKG VQLLLSERVS NLEELPLNEY REYIKVQTDK GTEVATNLVI LCTGIKINSS AYRKAFESRL ASSGALRVNE HLQVEGHSNV YAIGDCADVR TPKMAYLAGL HANIAVANIV NSVKQRPLQA YKPGALTFLL SMGRNDGVGQ ISGFYVGRLM VRLTKSRDLF VSTSWKTMRQ SPP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. 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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