

Recombinant Full Length Human AIFM2 Protein

Cat. No. AIFM2-020HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AIFM2 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-373 aa
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.
Form	Liquid. Supplied as a 0.22 µm filtered solution of 50 mM HEPES, pH 7.5, 200 mM NaCl, 20 % glycerol, 1 mM DTT.
Endotoxin	< 1 EU/µg by LAL
Purity	≥ 85 % as determined by reducing SDS-PAGE.
Storage	Stored at -80 centigrade for 1 year from date of receipt. It is stable at -20 centigrade for 3 months after opening. It is recommended to freeze aliquots at -80 centigrade for extended storage. Avoid repeated freeze-thaw cycles.
Concentration	0.80 mg/mL

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Shipping	Shipping with dry ice.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
GENE INFORMATION	
Gene Name	AIFM2 apoptosis-inducing factor, mitochondrion-associated, 2 [Homo sapiens (human)]
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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