Recombinant Human AIFM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AIFM2-1266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AIFM2 MS Standard C13 and N15-labeled recombinant protein (NP_116186) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	40.5 kDa
AA Sequence	MGSQVSVESGALHVVIVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRAS VETGFAKKTFISYSVTFKDNFRQGLVVGIDLKNQMVLLQGGEALPFSHLILATGSTGP FPGKFNEVSSQQAAIQAYEDMVRQVQRSRFIVVVGGGSAGVEMAAEIKTEYPEKEV TLIHSQVALADKELLPSVRQEVKEILLRKGVQLLLSERVSNLEELPLNEYREYIKVQTD KGTEVATNLVILCTGIKINSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCA DVRTPKMAYLAGLHANIAVANIVNSVKQRPLQAYKPGALTFLLSMGRNDGVGQISGF YVGRLMVRLTKSRDLFVSTSWKTMRQSPPTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

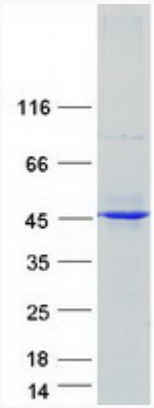
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	AIFM2 apoptosis inducing factor mitochondria 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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SDS-PAGE	

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