Recombinant Full Length Human AIFM3 Protein, GST-tagged

Cat. No. AIFM3-957HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AIFM3 full-length ORF (NP_001018070.1, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	598 amino acids
Description	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.
Molecular Mass	92.4 kDa
AA Sequence	MGGCFSKPKP VELKIEVVLP EKERGKEELS ASGKGSPRAY QGNGTARHFH TEERLSTPHP YPSPQDCVEA AVCHVKDLEN GQMREVELGW GKVLLVKDNG EFHALGHKCP HYGAPLVKGV LSRGRVRCPW HGACFNISTG DLEDFPGLDS LHKFQVKIEK EKVYVRASKQ ALQLQRRTKV MAKCISPSAG YSSSTNVLIV GAGAAGLVCA ETLRQEGFSD RIVLCTLDRH LPYDRPKLSK SLDTQPEQLA LRPKEFFRAY GIEVLTEAQV VTVDVRTKKV VFKDGFKLEY SKLLLAPGSS PKTLSCKGKE VENVFTIRTP EDANRVVRLA RGRNVVVVGA GFLGMEVAAY LTEKAHSVSV VELEETPFRR FLGERVGRAL MKMFENNRVK FYMQTEVSEL RGQEGKLKEV VLKSSKVVRA DVCVVGIGAV PATGFLRQSG IGLDSRGFIP VNKMMQTNVP GVFAAGDAVT FPLAWRNNRK VNIPHWQMAH AQGRVAAQNM

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	LAQEAEMSTV PYLWTAMFGK SLRYAGYGEG FDDVIIQGDL EELKFVAFYT KGDEVIAVAS MNYDPIVSKV AEVLASGRAI RKREVETGDM SWLTGKGS
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	AIFM3 apoptosis-inducing factor, mitochondrion-associated, 3 [Homo sapiens]
Official Symbol	AIFM3
Synonyms	AIFM3; apoptosis-inducing factor, mitochondrion-associated, 3; apoptosis-inducing factor 3; AIFL; FLJ30473; apoptosis-inducing factor like; FLJ45137
Gene ID	150209
mRNA Refseq	NM_001018060
Protein Refseq	NP_001018070
MIM	617298
UniProt ID	Q96NN9

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