

Recombinant Human AIFM2 protein, GST-tagged

Cat. No. AIFM2-9504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AIFM2 protein(1-373 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-373 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	70%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MGSQVSVESGALHVVIVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRAS
 VETGFAKKTFFISYSVTFKDNFRQGLVVGIDLKNQMVLLQGGEALPFSHLILATGSTGP
 FPGKFNEVSSQQAIIQAYEDMVRQVQRSRFIVVGGGSAGVEMAAEIKTEYPEKEV
 TLIHSQVALADKELLPSVRQEVKEILLRKGVQLLLSERVSNLEELPLNEYREYIKVQTD
 KGTEVATNLVILCTGIKINSSAYRKAFESRLASSGALRVNEHLQVEGHSNVYAIGDCA
 DV RTPKMAYLAGLHANIAVANIVNSVKQRPLQAYKPGALTFLLSMGRNDGVGQISGF
 YVGRLMVRLTKSRDLFVSTSWKTMRSPP

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](#)

SDS-PAGE

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