

Product Data Sheet

Recombinant Human AIFM1 Protein

Catalog #	Source	Reactivity	Applications
CRP1032	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human AIFM1 Protein is produced by our E. coli expression system and the target gene encoding Glu121-Asp613 is expressed with a 6His tag at the N-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	AIFM1		
Alternative Names	AIF; PDCD8; Apoptosis-inducing factor 1, mitochondrial; Programmed cell death protein 8		
Entrez Gene	9131 (Human)		
SwissProt	O95831 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MEEVPQDKAP SHVPFLLIGG GTAAFAAARS IRARDPGARV LIVSEDPPEL YMRPPLSKEL WFSDDPNVTK TLRFKQWNGK ERSIYFQPPS FYVSAQDLPH IENGGAVALT GKKVVQLDVR DNMVKLNDGS QITYEKCLIA TGGTPRSLSA IDRAGAEVKS RTTLFRKIGD FRSLEKISRE VKSITIIGGG FLGSELACAL GRKARALGTE VIQLFPEKGN MGKILPEYLS NWTMEKVRRE GVKVMPNAIV QSVGVS SSKL LIKLDGRKV ETDHIVA AVG LEPNVELAKT GGLEIDSDFG GFRVNAELQA RSNIWVAGDA ACFYDIKLR RRVEHHDHAV VSGRLAGENM TGAAPYWHQ SMFWSDLGPD VGYEAGLVD SSLPTVGVFA KATAQDNPKS ATEQSGTGIR SESETESEAS EITIPPSTPA VPQAPVQGED YGKGVIFYLR DKVVVGIVLW NIFNRMPIAR KIKDGEQHE DLNEVAKLFN IHED		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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