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32-3173: AIFM1 Recombinant Protein

Alternative Name :	Apoptosis-inducing factor 1,mitochondrial,Programmed cell death protein 8,AIFM1,AIF,PDCD8,CMTX4,COWCK,COXPD6,isoform 2 precursor,Apoptosis-Inducing Factor,Mitochondrion-Associated

Description

Source : Escherichia Coli. AIFM1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 537 amino acids (98-609) and having a molecular mass of 58.5 kDa.AIFM1 is fused to a 25 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Apoptosis-Inducing Factor, Mitochondrion-Associated, 1 (AIFM1) is a mitochondrial protein which translocates to the nucleus once apoptosis has been initiated. AIFM1 causes DNA fragmentation and chromatin condensation and also triggers the release of cytochrome c and caspase-9 from mitochondria. Bcl-2 overexpression prevents the release of AIFM1 from mitochondria, but doesn't block its apoptogenic activity.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The AIFM1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSEFLGLTP EQKQKKAALS ASEGEEVPQD KAPSHVPFLL IGGGTAAFAA ARSIRARDPG ARVLIVSEDP ELPYMRPPLS KELWFSDDPN VTKTLRFKQW NGKERSIYFQ PPSFYVSAQD LPHIENGGVA VLTGKKVVQL DVRDNMVKLN DGSQITYEKC LIATGGTPRS LSAIDRAGAE VKSRTTLFRK IGDFRSLEKI SREVKSITII GGGFLGSELA CALGRKARAL GTEVIQLFPE KGNMGKILPE YLSNWTMEKV RREGVKVMPN AIVQSVGVSS GKLLIKLKDG RKVETDHIVA AVGLEPNVEL AKTGGLEIDS DFGGFRVNAE LQARSNIWVA GDAACFYDIK LGRRRVEHHD HAVVSGRLAG ENMTGAAKPY WHQSMFWSDL GPDVGYEAIG LVDSSLPTVG VFAKATAQDN PKSATEQSGT GIRSESETES EASEITIPPS TPAVPQAPVQ GEDYGKGVIF YLRDKVVVGI VLWNIFNRMP IARKIIKDGE QHEDLNEVAK LFNIHED.

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