

AIFM1 抗原（重组蛋白）

中文名称：AIFM1 抗原（重组蛋白）

英文名称：AIFM1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to C terminal 250 amino acids of human AIFM1

技术规格

Full name:	apoptosis-inducing factor, mitochondrion-associated, 1
Synonyms:	AIF, PDCD8, COXPD6
Swissprot:	O95831
Gene Accession:	BC139738
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system :	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a flavoprotein essential for nuclear disassembly in a poptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Mutations in this gene cause combined oxidative phosphorylation deficiency 6, which results in a severe mitochondrial encephalomyopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 10.

