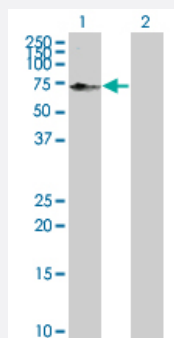


PDCD8 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009131-T01

Size 100 uL

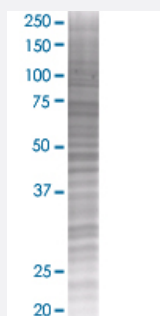
Applications



Western Blot

Lane 1: AIFM1 transfected lysate (66.9 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

AIFM1 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PDCD8 full-length

Host Human

Theoretical MW (kDa) 67.54

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PDCD8 antibody ([H00009131-B01](#)) by Western Blots.
Western Blot
Lane 1: AIFM1 transfected lysate (66.9 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
AIFM1 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — AIFM1

Entrez GeneID[9131](#)**GeneBank Accession#**[NM_004208](#)**Protein Accession#**[NP_004199](#)**Gene Name**

AIFM1

Gene Alias

AIF, MGC111425, PDCD8

Gene Description

apoptosis-inducing factor, mitochondrion-associated, 1

Omim ID[300169](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that 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 effects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000024007|OTTHUMP00000024008|OTTHUMP00000024009|programmed cell death 8|programmed cell death 8 (apoptosis-inducing factor)|striatal apoptosis-inducing factor

Pathway

- [Apoptosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)