

Product Information

MemDX™ Membrane Protein Human AIFM2 (Apoptosis inducing factor mitochondria associated 2) for Antibody Discovery

Cat. No.: **MP0891J**

This product is for research use only and is not intended for diagnostic use.

This product is a 40.3 kDa Human AIFM2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

AIFM2

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

40.3 kDa

TMD

1

Sequence

MG SQVSVESGALHVVIVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRASVETGFAKKTFSYS
VTFKDNFRQGLVVGIDLKNQMVLLQGGEALPFSHLILATGSTGPFPGKFNEVSSQQAQAYEDMVRQVQ
RSRFIVVVGGGSAGVEMAAEIKTEYPEKEVTLIHSQVALADKELLPSVRQEVKEILLRKGVLQLLSERVS
NLEELPLNEYREYIKVQTDKGTEVATNLVILCTGKINSSAYRKAFESRLASSGALRVNEHLQVEGHSNV
YAIGDCADV RTPK MAYLAGLHANIAVANIVNSVKQRPLQAYKPGALTFLLSMGRNDGVGQISGFYVGR LM
VRLTKSRDLFVSTSWKTMRQSPP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

AIFM2

Full Name

Apoptosis inducing factor mitochondria associated 2

Introduction

This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells.

Alternative Names

AMID; PRG3

Gene ID

[84883](#)

UniProt ID

[Q9BRQ8](#)