

Product Information

MemDX™ Membrane Protein Human ETFDH (Electron transfer flavoprotein dehydrogenase) for Antibody Discovery

Cat. No.: **MP0341X**

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

This product is a 94.9 kDa Human ETFDH membrane protein expressed in *in vitro* wheat germ expression system. 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

ETFDH

Protein Length

Full-length

Molecular Weight

94.9 kDa

Sequence

MLVPLAKLSCLAYQCFHALKIKKNYLPLCAIRWSSTSTVPRITHTYTIYPRDKDKRWEGVNMERFAEEADVIVGAGPAGLSAAVRLK

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

ETFDH

Full Name

Electron transfer flavoprotein dehydrogenase

Introduction

This gene encodes a component of the electron-transfer system in mitochondria and is essential for electron transfer from a number of mitochondrial flavin-containing dehydrogenases to the main respiratory chain. Mutations in this gene are associated with glutaric acidemia. Alternatively spliced transcript variants that encode distinct isoforms have been observed

Alternative Names

ETFQO; MADD; ETF-ubiquinone oxidoreductase; Electron transfer flavoprotein:ubiquinone oxidoreductase; electron transfer flavoprotein ubiquinone oxidoreductase

Gene ID

[2110](#)

UniProt ID

[Q16134](#)