

Product Information

MemDX™ Membrane Protein Human CACFD1 (Calcium channel flower domain containing 1) for Antibody Discovery

Cat. No.: **MP0149X**

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

This product is a 44.9 kDa Human CACFD1 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

CACFD1

Protein Length

Full-length

Molecular Weight

44.9 kDa

TMD

3

Sequence

MSSSGGAPGASASSAPPAQEEGMTWWYRWLCRLSGVLGAVSCAISGLFNCITIHPLNIAAGVWMIMNAFILLLCEAPFCCQFIEFAN

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

CACFD1

Full Name

Calcium channel flower domain containing 1

Introduction

CACFD1 (Calcium Channel Flower Domain Containing 1) is a Protein Coding gene. Diseases associated with CACFD1 include Carey-Fineman-Ziter Syndrome and Myopathy, Areflexia, Respiratory Distress, And Dysphagia, Early-Onset. Among its related pathways are Transmission across Chemical Synapses and nNOS Signaling in Skeletal Muscle. Gene Ontology (GO) annotations related to this gene include calcium channel activity

Alternative Names

RP13-100B2.5; C9orf7; D9S2135; FLOWER; calcium channel flower domain-containing protein 1; calcium channel flower homolog

Gene ID

[11094](#)

UniProt ID

[Q9UGQ2](#)