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Product Information

MemDX™ Membrane Protein Human TECR (Trans-2,3-enoyl-CoA reductase) for Antibody Discovery

Cat. No.: **MP0484X**
This product is for research use only and is not intended for diagnostic use.

This product is a 59.62 kDa Human TECR 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
TECR

Protein Length
Full-length

Molecular Weight
59.62 kDa

TMD
3

Sequence
MKHYEVEILDAKTREKLCFLDKVEPHATIAEIKNLFTKTHPQWYPARQSLRLDPKGKSLKDEDVLQKLPVGTTATLYFRDLGAQISWV

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

TECR

Full Name

Trans-2,3-enoyl-CoA reductase

Introduction

This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene

Alternative Names

SC2; TER; GPSN2; MRT14

Gene ID

9524

UniProt ID

Q9NZ01

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