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Product Information

MemDX™ Membrane Protein Human VKORC1L1 (Vitamin K epoxide reductase complex subunit 1 like 1) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2147K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human VKORC1L1 membrane protein expressed *in vitro E.coli* 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
VKORC1L1

Protein Length
Full Length

Protein Class
Oxidoreductase

TMD
4

Sequence
MAAPVLLRVSVPRWERVARYAVCAAGILLSIYAYHVEREKERDPEHRALCDLGPWVKCSAALASRWGRGFGLLGSIFGKDGVLNQ

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

VKORC1L1

Full Name

Vitamin K epoxide reductase complex subunit 1 like 1

Introduction

This gene encodes an enzyme important in the vitamin K cycle, which is involved in the carboxylation of glutamate residues present in vitamin K-dependent proteins. The encoded enzyme catalyzes the de-epoxidation of vitamin K 2,3-epoxide. Oxidative stress may upregulate expression of this gene and the encoded protein may protect cells and membrane proteins form oxidative damage. This gene and a related gene (Gene ID: 79001) may have arisen by gene duplication of an ancestral gene.

Alternative Names

VKORC1L1; vitamin K epoxide reductase complex subunit 1-like protein 1; VKORC1-like protein 1; Vitamin K epoxide reductase complex subunit 1 like 1

Gene ID

154807

UniProt ID

Q8N0U8

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