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Product Information

MemDX™ Membrane Protein Human CDC14C (Cell division cycle 14C) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX1911K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human CDC14C 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
CDC14C

Protein Length
Full Length

Protein Class
Receptor

TMD
1

Sequence
MNEVSSECGKKCEPLGCSSTNGDLQGEAGAVVSIFLRMVPRIKSNEGYGYSNRNWRKENTMHSLDRNIVDGGQALGQWKRKSKC

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

CDC14C

Full Name

Cell division cycle 14C

Introduction

This gene represents a retrogene of cell division cycle 14B (CDC14B), which is located on chromosome 9. The introns in the coding sequence have been processed out relative to the CDC14B locus, but there is an intact open reading frame that is missing only some sequence at the N-terminus, including the nuclear localiztion signal, relative to proteins encoded by the CDC14B gene. There is a difference in the subcellular localization of the protein encoded by this gene, relative to its parental gene product. While the parental gene product displays microtubular localization, GFP chimeras of the protein encoded by this gene localize to the endoplasmic reticulum, indicating a possible new functional role for this gene.

Alternative Names

CDC14C; CDC14B2; CDC14Bretro; dual specificity protein phosphatase CDC14C; CDC14 cell division cycle 14 homolog C; Cell division cycle 14C

Gene ID

168448

UniProt ID

A4D256

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