

# Product Information

## MemDX™ Membrane Protein Human COLCA1 (Colorectal cancer associated 1) Full Length

Cat. No.: **MPC3401K**

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

This product is a made-to-order Human COLCA1 membrane protein expressed in HEK293. 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

COLCA1

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MESCSVAQAGVLTSPFMWRWTGMAGALSALDNTIEDDADDQLPCGEGRPG  
WVRGELLGSQGVCCKDSKDLFVPTSSSLYGCFCVGLVSGMAISVLLLASDF  
RKLDFSRPEPCFEKEASLWFVAQH

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

#### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

## Target

### Target Protein

COLCA1

### Full Name

Colorectal cancer associated 1

### Introduction

This gene encodes a transmembrane protein that localizes to granular structures, including crystalloid eosinophilic granules and other granular organelles. This gene, along with an overlapping opposite strand gene, has been implicated as a susceptibility locus for colorectal cancer. Alternative splicing of this gene results in multiple transcript variants.

### Alternative Names

COLCA1; CASC12; C11orf92; LOH11CR1F; cancer susceptibility candidate 12; colorectal cancer-associated protein 1; Colorectal cancer associated 1

### Gene ID

[399948](#)

### UniProt ID

[Q6ZS62](#)