

# Product Information

## MemDX™ Membrane Protein Human CDHR5 (Cadherin related family member 5) Full Length

Cat. No.: **MPC3866K**

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

This product is a made-to-order Human CDHR5 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

CDHR5

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MGSWALLWPPLLFTGLLVRRPPGTMAQAQYCSVNKDIFEVEENTNVTEPLV  
DIHVPEGQEVTLGALSTPFAFRIQGNQLFLNVTPDYEEKSLLEAQLLCQS  
GGTLVTQLRVFVSVLDVNDNAPEFPFKTKEIRVEEDTKVNSTVIPETQLQ  
AEDRKDDILFYTLQEMTAGASDYFSLVSVNRPALRLDRPLDFYERPNMT  
FWLLVRDTPGENVEPSHTATATLVLNVPADLRPPWFLPCTFSDGYVCIQ  
AQYHGAVPTGHILPSPLVLRPGPIYAEDGDRGINQPIISIFRGNVNGTF  
IIHPDSGNLTVARSVPSPMTFLLLKGGQADLARYSVTQVTVEAVAAAGS  
PPRFPQRLYRGTVARGAGAGVVKDAAAPSQPLRIQAQDPEFSDLNSAIT  
YRITNHSFRMEGEVVLTTTTLAQAGAFYAEVEAHNTVTSGTATTVIEIQ  
VSEQEPPSTDVPPSPEAGGTTGPWTSTTSEVPRPPEPSQGPSTTSSGGGT  
GPHPPSGTTLRPPTSSTPGGPPGAENSTSHQPATPGGDTAQT PKPGTSQP  
MPPGVGTSTSHQPATPSGGTAQTPEPGTSQPMPPSMGTSTSHQPATPGGG  
TAQTPEAGTSQPMPPGMGTSTSHQPTTPGGGTAQTPEPGTSQPMPLSKST  
PSSGGGPPSEDKRFSVVDMAALGGVLGALLLLALLGLAVLVHKHYGPRLKC  
CCGKAPEPQPQGFNDQAFLPDHKNWAPVPSPTHDPKPAEAPMPAEPAPP  
GPASPGGAPEPPAAARAGGSPTAVRSILTKERRPEGGYKAVWFGEDIGTE  
ADVVLNAPTLDVDGASDSGSGDEGEGAGRGGGPYDAPGGDDSYI

### 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

CDHR5

### Full Name

Cadherin related family member 5

### Introduction

This gene is a novel mucin-like gene that is a member of the cadherin superfamily. While encoding nonpolymorphic tandem repeats rich in proline, serine and threonine similar to mucin proteins, the gene also contains sequence encoding calcium-binding motifs found in all cadherins. The role of the hybrid extracellular region and the specific function of this protein have not yet been determined. Alternatively spliced transcript variants encoding different isoforms have been described.

### Alternative Names

CDHR5; MLPCDH; MUCDHL; MUPCDH; MU-PCDH; cadherin-related family member 5; differentiation-associated catenin regulator; mu-protocadherin; mucin and cadherin-like protein; Cadherin related family member 5

### Gene ID

[53841](#)

### UniProt ID

[Q9HBB8](#)