

# Product Information

## MemDX™ Membrane Protein Human CD9 (CD9 molecule) Full Length

Cat. No.: **MPC1704K**

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

This product is a 25.4 kDa Human CD9 membrane protein expressed in Baculovirus/Insect 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

CD9

#### Protein Length

Full length

#### Protein Class

Cell adhesion

#### Molecular Weight

25.4 kDa

#### TMD

4

#### Sequence

MPVKGGTKCIKYLFGFNFIWLAGIAVLAIGLWLRFDTSQTKSIFEQETN  
NNNSSFYTGVIILIGALMMLVGFLGCCGAVQESQCMLGLFFGFLLVIF  
AIEIAAAIWGYSHKDEVIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYAL  
NCCGLAGGVEQFISDICPKKDVLETFTVKSCPDAIKEVFDNKFHIIIGAVG  
IGIAVVMIFGMIFSMILCCAIRRNREMV

### Product Description

#### Expression Systems

Baculovirus/Insect expression system

#### Tag

8xHis and GFP tag at the N-terminus

#### Protein Format

Detergent or based on specific requirements

**Form**

Liquid

**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**

CD9

**Full Name**

CD9 molecule

**Introduction**

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.

**Alternative Names**

CD9; MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29; CD9 antigen; 5H9 antigen; BA-2/p24 antigen; CD9 antigen (p24); antigen CD9; cell growth-inhibiting gene 2 protein; leukocyte antigen MIC3; motility related protein-1; tetraspanin-29; CD9 molecule

**Gene ID**

[928](#)

**UniProt ID**

[P21926](#)