

Product Information

MemDX™ Membrane Protein Human CD9 (CD9 molecule) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX4051K**

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

This product is a Human CD9 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

CD9

Protein Length

Full Length of Mature Protein

Protein Class

Cell adhesion

TMD

4

Sequence

PVKGGTKCIKYLFGFNFIWLAGIAVLAIGLWLRFDSQTKSIFEQETNNNNSSFYTGVIYILIGALMMLVGFLGCCGAVQESQCM

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

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](#)