

Product Information

MemDX™ Membrane Protein Human CD9 (CD9 molecule) for Antibody Discovery

Cat. No.: **MP0750J**

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

This product is a 25.2 kDa Human CD9 membrane protein expressed in HEK293T. 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

Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

25.2 kDa

TMD

4

Sequence

MPVKGGTKCIKYLFGFNFIWLAGIAVLAIGLWLRFDSTKTSIFEQETNNNNSSFYTGVIYILIGAGALM
MLVGFLGCCGAVQESQCMLGLFFGFLLVIFAIEIAAAIWGYSHKDEVIKEVQEFYKDTYNKLKTKDEPQR
ETLKAIHYALNCCGLAGGVEQFISDICPKKDVLETFTVKSCPDAIKEVFDNKFHIGAVGIGIAVVMIFG
MIFSTILCCAIRRNREMV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29

Gene ID

[928](#)

UniProt ID

[P21926](#)