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Datasheet for ABIN7488880
CD9 Protein (CD9) (Biotin,His-Avi Tag)

Overview

Quantity:	200 µg
Target:	CD9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD9 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human CD9 Protein, His,Avitag™
Sequence:	Ser 112 - Ile 195
Characteristics:	Biotinylated Human CD9 Protein, His,Avitag (CD9-H82Ea) is expressed from human 293 cells (HEK293). It contains AA Ser 112 - Ile 195 (Accession # P21926-1).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	CD9 antigen is also known as tetraspanin-29 (TSPAN29), 5H9 antigen, Leukocyte antigen MIC3 (MIC3), Motility-related protein, is a multi-pass membrane protein which belongs to the tetraspanin (TM4SF) family or the transmembrane 4 superfamily. CD9 is a cell surface

Target Details

glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. TSPAN29 is found on the surface of exosomes. MIC3 Involved in platelet activation and aggregation, regulates paranodal junction formation and also Involved in cell adhesion, cell motility and tumor metastasis. CD9 antigen also seems to be a key part in the egg-sperm fusion during mammalian fertilization.

Molecular Weight: 13.3 kDa

Pathways: [Response to Water Deprivation, Cell-Cell Junction Organization](#)

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,10xHis , Avi) The protein has a calculated MW of 13.3 kDa. The protein migrates as 15 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C