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Datasheet for ABIN6964169 CD9 Protein (CD9) (His tag)

Overview

Quantity:	100 µg
Target:	CD9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human CD9 protein with C-terminal 6xHis tag
Specificity:	CD9 (Ser112-Ile195) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	Synonymes: BTCC-1, DRAP-27, MIC3, MRP-1, TSPAN-29, TSPAN29 Description: This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane

Target Details

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.

Molecular Weight: predicted molecular mass of 10.5 kDa after removal of the signal peptide. The apparent molecular mass of CD9-His is 10-15 kDa due to glycosylation.

UniProt: [P21926](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months