

Datasheet for ABIN7596342

CD9 Protein (CD9) (AA 112-195) (hIgG-His-tag)[Go to Product page](#)

Overview

Quantity:	500 µg
Target:	CD9
Protein Characteristics:	AA 112-195
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD9 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	SHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY ALNCCGLAGG VEQFISDICP KKDVLFTFTV KSCPDAIKEV FDNKFHI
Purity:	> 95% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	CD9, also known as TSPAN-29, is a member of tetraspanin family. It is found on the surface of exosomes. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support

Target Details

myotube maintenance. It seems CD9 has a varying role in different types of cancers. The over expression of CD9 was shown to decrease metastasis in certain types of melanoma, breast, lung, pancreas and colon carcinomas. However in other studies, CD9 has been shown to increase migration or be highly expressed in metastatic cancers in various cell lines such as lung cancer, scirrhou-type gastric cancer, hepatocellular carcinoma, acute lymphoblastic leukemia and breast cancer. Recombinant human CD9, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 36.9kDa (326aa)

NCBI Accession: [NP_001760](#)

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: Liquid

Concentration: 1 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.