

Datasheet for ABIN2713807

CD9 Protein (CD9) (Myc-DYKDDDDK Tag)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	CD9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD9 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CD9 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	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

Target Details

	motility and metastasis.
Molecular Weight:	25.2 kDa
NCBI Accession:	NP_001760
Pathways:	Response to Water Deprivation, Cell-Cell Junction Organization

Application Details

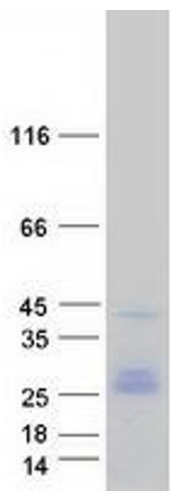
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Zeng, Devadoss, Wang, Vomhof-DeKrey, Kuhn, Basson: "Inhibition of pressure-activated cancer cell adhesion by FAK-derived peptides." in: Oncotarget , Vol. 8, Issue 58, pp. 98051-98067, (2017) (PubMed).
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Western Blotting

Image 1. Validation with Western Blot