

Datasheet for ABIN7318069

**Vinculin Protein (VCL) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Vinculin (VCL)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vinculin protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human VCL/Vinculin Protein (His Tag)
Sequence:	Met 1-Gln 1066
Characteristics:	A DNA sequence encoding the human VCL (P18206-2) (Met 1-Gln 1066) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Vinculin (VCL)
Alternative Name:	VCL/Vinculin ( <a href="#">VCL Products</a> )
Background:	Background: Vinculin (VCL) is a cytoskeletal protein that is closely related to both cell-matrix interactions and cell-cell junctions. VCL is a membrane-cytoskeletal protein in focal adhesion plaques that is involved in linkage of integrin adhesion molecules to the actin cytoskeleton. The

## Target Details

protein contains an acidic N-terminal domain and a basic C-terminal domain separated by a proline-rich middle segment. This protein has multi-ligand properties and has been found to interact with a number of microfilament associated proteins, such as talin, a-actinin, and paxillin, which reportedly bind to either the head or tail domains of vinculin.

Synonym: Vinculin, Metavinculin, VCL,CMD1W,CMH15,HEL114,MV,MVCL

Molecular Weight:	118 kDa
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.