

## Recombinant Human VCL Protein, MYC/DDK-tagged

**Cat. No.** VCL-118H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human VCL protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Vinculin is a cytoskeletal protein associated with cell-cell and cell-matrix junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Defects in VCL are the cause of cardiomyopathy dilated type 1W. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	116.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	vinculin [ Homo sapiens ]
<b>Official Symbol</b>	VCL
<b>Synonyms</b>	CMD1W; CMH15; HEL114; MV; MVCL
<b>Gene ID</b>	7414
<b>mRNA Refseq</b>	NM_003373.3
<b>Protein Refseq</b>	NP_003364.1
<b>MIM</b>	193065
<b>UniProt ID</b>	P18206

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