

Recombinant Human VCL Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human VCL protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	116.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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