

Recombinant Human VCL, His-tagged

Cat. No. VCL-3655H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCL protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-376aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	VCL vinculin [Homo sapiens]
Official Symbol	VCL
Synonyms	VCL; vinculin; metavinculin; MVCL; CMD1W; CMH15;
Gene ID	7414

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq	NM_003373
Protein Refseq	NP_003364
MIM	193065
UniProt ID	P18206
Chromosome Location	10q22.1-q23
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of ep
Function	Rho GTPase binding; NOT actin binding; alpha-catenin binding; beta-catenin binding; beta-dystroglycan binding; cadherin binding; protein binding; structural molecule activity;

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