Recombinant Mouse Vcl Protein, Myc/DDK-tagged

Cat. No. Vcl-6910M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length vinculin (Vcl), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion.
Molecular Mass	117.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Vcl vinculin [Mus musculus (house mouse)]
Official Symbol	Vcl
Synonyms	VCL; vinculin; metavinculin; AA571387; AI462105; AW545629; 9430097D22
Gene ID	22330
mRNA Refseq	NM_009502
Protein Refseq	NP_033528
UniProt ID	Q64727

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