

Recombinant Mouse Vcl, His tagged

Cat. No. VCL-222M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vcl (NP_033528.3) (Met1-Gln1066), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
Species	Mouse
Source	Human Cells
ProteinLength	1-1066 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse VCL comprises 1077 amino acids and has a predicted molecular mass of 118.2 kDa. The apparent molecular mass of the protein is approximately 118 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Vcl vinculin [[Mus musculus](#)]

Official Symbol Vcl

Gene ID [22330](#)

mRNA Refseq [NM_009502](#)

Protein Refseq [NP_033528](#)

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