

## Native Turkey VCL Protein

**Cat. No.** VCL-899T    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Turkey VCL was purified from Turkey Smooth muscle.
<b>Species</b>	Turkey
<b>Source</b>	Turkey Smooth muscle
<b>Description</b>	<p>Vinculin from turkey smooth muscle (gizzard) is a single chain polypeptide with a molecular weight of 116kD. Vinculin is a multiligand binding protein e.g. of focal contacts, possessing an F-actin binding domain in the tail region.</p> <p>Vinculin is supplied in the native inactive state, characterized by the interaction of the vinculin head and tail, which can be released e.g. by phospholipids.</p>
<b>Form</b>	100mM KCl, 10mM imidazole pH 7.5, 0.5mM DTT, 0.1mM EGTA and 0.25% disaccharides, when reconstituted with 100 µltrapure water to obtain a 1.0 mg/ml solution.
<b>Molecular Mass</b>	116kDa
<b>Purity</b>	>98% by scanning densitometry from Coomassie G-250 stained SDS-Gels.
<b>Storage</b>	<p>Vinculin is stored at –70 centigrade upon arrival and will be stable in performance for at least 6 months from the date of purchase. The solubilized protein is kept on ice and should be used within 2-3 weeks.</p> <p>This product can also be stored as a glycerol stock at -20 centigrade. Avoid repeated freeze / thaw cycles.</p>

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**Shipping**

At ambient temperature. Upon delivery store at -70 centigrade.

**GENE INFORMATION**

**Gene Name** VCL vinculin [ Gallus gallus ]

**Official Symbol** VCL

**Synonyms** metavinculin

**Gene ID** 396422

**mRNA Refseq** NM\_205441

**Protein Refseq** NP\_990772

**UniProt ID** P12003

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