

**Product:**            **a-Actinin**  
**Catalog #:**        **03-62002**  
**Amount:**          **250 mg**

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**SOURCE:**                    **Chicken gizzard**  
**MOLECULAR WEIGHT:**      100,000  
**ISOELECTRIC POINT:**      pHI 5.8  
**PURITY:**                    Greater than 95% determined by SDS-PAGE  
**FORM:**                        Lyophilized, salt balanced  
**APPLICATION:**              Protein standard in 1D and 2D SDS-gel electrophoresis  
                                      Immunoassay  
                                      Antigen for immunization.  
**RECONSTITUTION:**         When reconstituted with 250µl H<sub>2</sub>O dist, a final solution  
                                      volume of 250 µl will contain 20mM Tris/Acetate, pH 7.6,  
                                      0.1mM EDTA, 2mM DTT, 20mM NaCl with a protein  
                                      concentration of 1mg/ml (according to Bradford protein assay)  
**STORAGE:**                    2-8°C (lyophilized), at -20°C (solution, aliquot)

**REFERENCES:**

Duhaiman, A.S. and Bamburg, J.R. (1984) *Biochem.* **23**: 1600  
Feramisco, J.R. and Burrige, K. (1980) *J. Biol. Chem.* **255**: 1194

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