

## Native Chicken $\alpha$ -Actinin Protein

**Cat. No.** a-Actinin-20C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Ultra pure Alpha Actinin having a Molecular mass of 95 kDa.
<b>Species</b>	Chicken
<b>Source</b>	Chicken Gizzard
<b>ProteinLength</b>	Full Length
<b>Form</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Solubility</b>	It is recommended to reconstitute the lyophilized $\alpha$ -Actinin in sterile 18M $\Omega$ -cm H <sub>2</sub> O not less than 100 $\mu$ g/mL, which can then be further diluted to other aqueous solutions.
<b>Molecular Mass</b>	95 kDa
<b>Purity</b>	Greater than 95.0 % as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Applications</b>	Protein standard in 1D and 2D SDS gelelectrophoresis; Immunoassays Immunization.
<b>Note</b>	For Research Use Only. Not for use in diagnostic procedures.
<b>Storage</b>	Lyophilized $\alpha$ -Actinin although stable at room temperature for 3 weeks, should be stored desiccated below -18 centigrade. Upon reconstitution $\alpha$ -Actinin should be

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stored at 4 centigrade between 2-7 days and for future use below -18 centigrade.

**Storage Buffer**

The protein was lyophilized from a 1 mg/mL solution containing 10mM Tris acetate buffer pH 7.6, 0.1mM EDTA, 2mM DTT, and 20mM NaCl.

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