

## Native Chicken ACTN3

**Cat. No.** ACTN3-3280C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	alpha Actinin
<b>Species</b>	Chicken
<b>Source</b>	Chicken Gizzard
<b>Description</b>	This gene encodes a member of the alpha-actin binding protein gene family. The encoded protein is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants. The reference genome contains the non-coding allele. The non-functional allele of this gene is associated with elite athlete status.
<b>Form</b>	Supplied in lyophilized form with 10 mM Tris/HCl buffer pH 8.0, 0.2mM CaCl <sub>2</sub> , 0.2 mM ATP, 1 mM DTT, 0.5% (w/v) SDS
<b>Purity</b>	>95% pure by SDS PAGE
<b>Notes</b>	Small volumes of ACTN3 native protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at 2-8 deg C in lyophilized form. Following reconstitution aliquot and store at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.

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**Warning**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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