

Native Chicken ACTN3

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

SPECIFICATION

Product Overview	alpha Actinin
Species	Chicken
Source	Chicken Gizzard
Description	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.
Form	Supplied in lyophilized form with 10 mM Tris/HCl buffer pH 8.0, 0.2mM CaCl ₂ , 0.2 mM ATP, 1 mM DTT, 0.5% (w/v) SDS
Purity	>95% pure by SDS PAGE
Notes	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.
Storage	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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