

Active Native Rabbit Actin Protein

Cat. No. Actin-3084R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Actin protein has been purified from rabbit skeletal muscle.
Species	Rabbit
Source	Rabbit skeletal muscle
Form	Lyophilized powder
Bio-activity	The biological activity of muscle actin is determined by its ability to efficiently polymerize into filaments (F-actin) in vitro and separate from unpolymerized components in a spin down assay. Stringent quality control ensures that actin protein produces >80% F-actin in this assay.
Molecular Mass	43 kDa
Purity	>95%
Storage	The lyophilized protein when stored desiccated to <10% humidity at 4 centigrade is stable for 6 months.
Storage Buffer	When reconstituted in distilled water to 10 mg/ml, the protein is in the following buffer: 5 mM Tris-HCl pH 8.0, 0.2 mM CaCl ₂ , 0.2 mM ATP, 5% sucrose, and 1% dextran.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA