

## Active Native Rabbit Actin Protein

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

### SPECIFICATION

<b>Product Overview</b>	Native Actin protein has been purified from rabbit skeletal muscle.
<b>Species</b>	Rabbit
<b>Source</b>	Rabbit skeletal muscle
<b>Form</b>	Lyophilized powder
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	43 kDa
<b>Purity</b>	>95%
<b>Storage</b>	The lyophilized protein when stored desiccated to <10% humidity at 4 centigrade is stable for 6 months.
<b>Storage Buffer</b>	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 <sub>2</sub> , 0.2 mM ATP, 5% sucrose, and 1% dextran.

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