

Datasheet for ABIN935160

Actin Protein



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Overview

Quantity:	100 µg
Target:	Actin
Origin:	Rabbit
Source:	Rabbit
Protein Type:	Native

Product Details

Characteristics:	Purified native Rabbit Actin Protein Protein Source: Rabbit muscle
Purity:	> 98 % pure

Target Details

Target:	Actin
Abstract:	Actin Products
Background:	<p>Actin is a globular, roughly 42- kDa protein found in eukaryotic cells. It is also one of the most highly-conserved proteins, differing by no more than 20 % in species as diverse as algae and humans. Actin is the monomeric subunit of two types of filaments in cells: microfilaments, one of the three major components of the cytoskeleton, and thin filaments, part of the contractile apparatus in muscle cells.</p> <p>Description: Rabbit muscle.</p> <p>Alternative Names: beta Actin Protein, Purified Actin Protein</p>
Molecular Weight:	43 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 1 mg/mL

Buffer: Supplied in lyophilized form with 10 mM Tris/HCl buffer pH 8.0, 0.2 mM CaCl₂, 0.2 mM ATP, 1 mM DTT, 0.5 % (w/v) SDS.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C in lyophilized form. Following reconstitution aliquot and store at -20 °C for long term storage.
