



## Native Actin (DAG-WT181)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

**Purity** > 95% as determined by SDS-PAGE

**Conjugate** Unconjugated

**Applications** Immunoassays

**Molecular Weight** 43,000

**Format** Lyophilized

**Size** 1 mg, 10 mg, 100 mg

**Preservative** None

**Storage** Store at -20°C to -80°C

### BACKGROUND

**Introduction** Actin is a family of globular multi-functional proteins that form microfilaments in the cytoskeleton, and the thin filaments in muscle fibrils. It is found in essentially all eukaryotic cells, where it may be present at a concentration of over 100  $\mu$ M; its mass is roughly 42-kDa, with a diameter of 4 to 7 nm.

**Keywords** Actin; Cytoskeleton; G-actin