

BA1006**Chicken Actinin alpha (pan) - Purified**

Quantity: 0.25 mg
Concentration: 1.0 mg/ml
Species: Chicken
Source: Gizzard
Format: **State:** Lyophilized
Purity: >95% (determined by SDS gelelectrophoresis)
Buffer System: 10 mM Tris/acetate buffer pH 7.6, 0.1mM EDTA, 2 mM DTT, 20 mM NaCl
Reconstitution: Restore with 250 µl distilled water (final volume 250 µl)

Applications: Protein standard in 1D and 2D SDS gelelectrophoresis.
Immunoassays.
Immunization.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description: α -Actinin from Chicken gizzard.

Molecular weight: 100 kDa

Storage: Prior to reconstitution store at 2-8°C.
Following reconstitution store the protein undiluted at -20°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings: 1. Duhaman AS, Bamburg JR. Isolation of brain alpha-actinin. Its characterization and a comparison of its properties with those of muscle alpha-actinins. *Biochemistry*. 1984 Apr 10;23(8):1600-8. PubMed PMID: 6722113.
2. Feramisco JR and Burridge K: A rapid purification of α -actinin, filamin and a 130,000 dalton protein from smooth muscle. *J Biol Chem* 255, 1194ff (1980)

Pictures: 1) α -actinin 2) myosin (a); β -galactosidase (b); phosphorylase B (c); BSA (d); ovalbumin (e)

