

a-Actinin Recombinant Protein



RPPB2848

Product Information Protein Information

Product SKU:

RPPB2848

Protein description:

Ultra pure Alpha Actinin having a Molecular mass of 95,000 Dalton.

Accession:

P05094

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Host:

Chicken Gizzard.

Synonyms:

Alpha-actinin-1, Alpha-actinin cytoskeletal isoform, Non-muscle alpha-actinin-1, F-actin cross-linking protein, ACTN1.

Formulation:

The protein was lyophilized from a 1mg/ml solution containing 10mM Tris acetate buffer pH 7.6, 0.1mM EDTA, 2mM DTT, and 20mM NaCl.

Purity:

Greater than 95.0% as determined by analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized a-Actinin in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized a-Actinin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution a-Actinin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.