

c-Actin Recombinant Protein



RPPB3132

Product Information Protein Information

Product SKU:

RPPB3132

Protein description:

Ultra pure Cardiac Actin having a Molecular mass of 43,000 dalton.

Accession:

Q3ZC07

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Host:

Bovine Heart.

Synonyms:

Actin alpha cardiac muscle 1, Alpha-cardiac actin, ACTC1, ACTC.

Formulation:

The protein was lyophilized from a 1mg/ml solution containing 10mM Tris-acetate buffer pH 8.0, 0.2mM CaCl₂, 0.2mM ATP, 1mM DTT and 0.5% SDS.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

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

Stability:

Lyophilized Cardiac-Actin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Cardiac Actin 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.