

PRODUCT DATA SHEET

RABBIT MUSCLE ACETONE POWDER

Product Codes41995-1
41995-2**Pack size:**1 g
10 g**Description:**

Skeletal muscle is collected from young healthy rabbits (*Oryctolagus cuniculus*) Breeds: New Zealand White and/or California White, that are 8 – 12 weeks of age, either sex and fasted. The muscle is collected within 6 hours of slaughter and frozen at or below -10 °C. Muscle is further processed using a combination of standard industry protocols with in-house modifications.

Physical State:

Off white buff colored dry powder

Testing:

Moisture: Report result

Packaging, shipping/storage:**Packaging:**
Glass jars**Storage Temperature:**

-20 °C or below

Shipping Conditions:

Dry ice

Expiration:

Product quality is guaranteed to meet Pel-Freez Biologicals' specifications for 1 year from the date of receipt by the customer as long as the product is stored in accordance with the indicated storage conditions.

Application Notes: Reportedly useful for protein purification such as actin, myosin, and troponin.

References:

Doolittle L.K., Rosen M.K., and Padrik S.B. Measurement and Analysis of In-Vitro Actin Polymerization; Adhesion Protein Protocols, *Methods Mol Biol* 2013;1046:273-293.

Unidirectional movement of myosin-driven beads on immobilized F-Actin arrays in a microfluidic channel; Lee, Y. Lane Dept of Computer Science & Electrical Engineering, WVA University, Morgantown, WV, USA; Carroll L; Holland, L; Famouri, P; Nanotechnology Materials and Devices Conference, 2009; June 2-5, 2009.

Theivessen I., et al. Vinculin-actin interaction couples actin retrograde flow to focal adhesions, but is dispensable for focal adhesion growth; *J Cell Bio* 2013;202:163-177.



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