

Recombinant Mouse Actrt2 Protein, Myc/DDK-tagged

Cat. No. Actrt2-1521M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length actin-related protein T2 (Actrt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this intronless gene belongs to the actin family. Studies have shown that this protein may be involved in cytoskeletal organization similar to other cytoplasmic actin-related protein (ARP) subfamily members. Antibody raised against the human protein has been used to detect the protein by immunoblotting and immunofluorescence microscopy, demonstrating its specific synthesis in the testis, late in spermatid differentiation, and its localization in the calyx.
Molecular Mass	41.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Actrt2 actin-related protein T2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Actrt2](#)

Synonyms ACTRT2; actin-related protein T2; actin-related protein M2; actin related protein M2 (Arpm2); Arpm2; Arp-T2; 1700052K15Rik

Gene ID [73353](#)

mRNA Refseq [NM_028513](#)

Protein Refseq [NP_082789](#)

UniProt ID [Q9D9L5](#)

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