# Recombinant Human ACTRT2 Protein, His-tagged

**Cat. No.** ACTRT2-151H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human actin related protein T2(ACTRT2)(NM_080431), with a His tag, was expressed in human cells. |
| **Species** | Human |
| **Source** | Human Cells |
| **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. |
| **Form** | Purified protein formulated in a sterile solution of TBS buffer, pH7.12, without any preservatives. |
| **Molecular Mass** | 41.5 kDa |
| **Endotoxin** | Endotoxin level is < 0.1 ng/μg of protein (<1EU /μg) |
| **Purity** | >90% by SDS-PAGE gel and Coomassie Blue staining |
| **Applications** | Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies. |

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## GENE INFORMATION

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| **Gene Name** | ACTRT2 actin-related protein T2 [ Homo sapiens ] |
| **Official Symbol** | ACTRT2 |
| **Synonyms** | ACTRT2; actin-related protein T2; Arp T2; ARPM2; FLJ25424; actin-related protein M2; actin-related protein hArpM2; ARPT2; Arp-T2; HARPM2; |
| **Gene ID** | 140625 |
| **mRNA Refseq** | NM_080431 |
| **Protein Refseq** | NP_536356 |
| **MIM** | 608535 |
| **UniProt ID** | Q8TDY3 |

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