

Recombinant Human ACTRT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACTRT2-5734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACTRT2 MS Standard C13 and N15-labeled recombinant protein (NP_536356) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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
AA Sequence	MFNPHALDSPAVIFDNGSGFCKAGLSGEFGPRH MVSSIVGHLKFQAPSAEANQKYF VGEEALYKQEALQLHSPFERGLITGWDDVERLWKHLFEWELGVKPSDQPLLATEPS LNPRENREKMAEVMFENFGVPAFYLSAQAVLALYASACVTGLVVDSGDAVTCTVPIF EGYSLPHAVTKLHVAGRDITELLMQLLLASGHTFPCQLDKGLVDDIKKKLCYVALEPE KELSRPPEEVLREYKLPDGNIIISLGDPLHQAPEALFVPQQLGSSQSPGLSNMVSSSITK CDTDIQKILFGEIVLSGGTTLFHGLDDRLLKELEQLASKDTPIKITAPPDRWFSTWIGA SIVTSLSSFKQMWVTAADFKEFGTSVVQRRCFTRTRPLEQKLISEEDLAANDILDYKD

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	DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

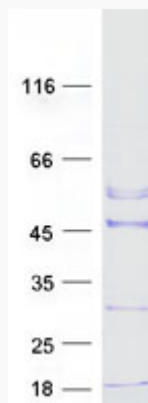
GENE INFORMATION

Gene Name	ACTRT2 actin-related protein T2 [Homo sapiens (human)]
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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SDS-PAGE

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