

Product datasheet for **TP306098**

ACTRT2 (NM_080431) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human actin-related protein T2 (ACTRT2), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >Peptide sequence encoded by RC206098
Blue=ORF **Red**=Cloning site **Green**=Tag(s)

MFNPHALDSPAVIFDNGSGFCKAGLSGEGFGRHVMVSSIVGHLKFQAPSAEANQKYFVGEEALYKQEALQ
LHSPFERGLITGWDDVERLWKHLFEWELGVKPSDQPLLATEPSLNPRENREKMAEVMFENFGVPAFYLS
DQAVLALYASACVTGLVVDSDAVTCTVPIFEGYSLPHAVTKLHVAGRDITELLMQLLLASGHTFPCQL
DKGLVDDIKKLCYVALEPEKELSRPPEEVLREYKLPDGNIIISLGDPLHQAPEALFVPQQLGSPGLS
NMVSSITKCDTDIQKILFGEIVLSGGTTLFHGLDRLLEQLASKDTPIKITAPPDRWFSTWIGAS
IVTSLSSFQMWVTAADFKEFGTSVVQRRCF
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC206098 also available, [TP306098](#)

Tag: C-Myc/DDK
Predicted MW: 41.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_536356](#)

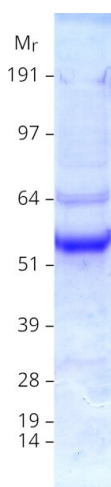


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Locus ID:	140625
UniProt ID:	Q8TDY3 , Q96LK1
RefSeq Size:	1437
Cytogenetics:	1p36.32
RefSeq ORF:	1128
Synonyms:	Arp-T2; ARPM2; ARPT2; HARPM2

Summary: 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified ACTRT2 protein (Cat# TP306098). The protein was produced from HEK293T cells transfected with ACTRT2 cDNA clone (Cat# [RC206098]) using MegaTran 2.0 (Cat# [TT210002]).