

Product datasheet for **TP306098M**

ACTRT2 (NM_080431) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human actin-related protein T2 (ACTRT2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC206098 protein sequence
Red=Cloning site **Green**=Tags(s)

MFNPHALDSPAVIFDNGSGFCKAGLSGEGFGRHVMVSSIVGHLKFQAPSAEANQKYFVGEEALYKQEALQL
HSPFERGLITGWDDVERLWKHLFEWELGVKPSDQPLLATEPSLNPRENREKMAEVMFENFGVPAFYLSAQ
AVLALYASACVTGLVDSGDAVTCTVPIFEGYSLPHAVTKLHVAGRDITELLMQLLLASGHTFPCQLDKG
LVDDIKKKLCYVALEPEKELSRPEEVLREYKLPDGNIIISLGDPLHQAPEALFVPQQLGSQSPGLSNMVS
SSITKCDTDIQKILFGEIVLSGGTTLFHGLDDRLLKELEQLASKDTPIKITAPPDRWFSTWIGASIVTSL
SSFQKMWVTAADFKEFGTSVVQRRCF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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](#)

Locus ID: 140625



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UniProt ID: [Q8TDY3](#), [Q96LK1](#)

RefSeq Size: 1437

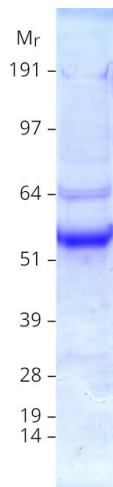
Cytogenetics: 1p36.32

RefSeq ORF: 1026

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]).