



Recombinant Human Actin-related protein T2 (ACTRT2)

Product Code	CSB-EP001256HU-B
Abbreviation	ACTRT2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8TDY3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MFNPHALDSP AVIFDNGSGF CKAGLSGEFG PRHMOVSSIVG HMKFQAPSAE ANQKKYFVGE EALYKQEALQ LHSPFERGLI TGWDDVERLW KHLFEWELGV KPSDQPLLAT EPSLNPRENR EKMAEVMFEN FGVPAFYLSQ QAVLALYASA CVTGLVVDSG DAVTCTVPIF EGYSLPHAVT KLHVAGRDIT ELLMQLLLAS GHTFPCQLDK GLVDDIKKKL CYVALEPEKE LSRRPEEVLR EYKLPDGNII SLGDPLHQAP EALFVPQQLG SQSPGLSNMV SSSITKCDTD IQKILFGEIV LSGGTTLFHG LDDRLLKELE QLASKDTPIK ITAPPDRWFS TWIGASIVTS LSSFQMQMWT AADFKEFGTS VVQRRCF
Source	E.coli
Target Names	ACTRT2
Protein Names	Recommended name: Actin-related protein T2 Short name= ARP-T2 Alternative name(s): Actin-related protein M2
Expression Region	1-377
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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