

Recombinant Full Length Human ACTRT2 Protein, GST-tagged

Cat. No. ACTRT2-862HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACTRT2 full-length ORF (NP_536356.3, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	377 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	68.1 kDa
AA Sequence	MFNPHALDSP AVIFDNGSGF CKAGLSGEFG PRHMOVSSIVG HLKFQAPSAE ANQKKYFVGE EALYKQEALQ LHSPFERGLI TGWDDVERLW KHLFEWELGV KPSDQPLLAT EPSLNPRENK EKMAEVMFEN FGVPAFYLSQ QAVLALYASA CVTGLVVDSD DAVTCTVPIF EGYSLPHAVT KLHVAGRDIT ELLMQLLLAS GHTFPCQLDK GLVDDIKKKL CYVALEPEKE LSRRPEEVLR EYKLPDGNII SLGDPLHQAP EALFVPQQLG SQSPGLSNMV SSSITKCDTD IQKILFGEIV

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LSGGTTLFHG LDDRLLKELE QLASKDTPIK ITAPPDRWFS TWIGASIVTS
LSSFKQMWVT AADFKEFGTS VVQRRCF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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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