

Recombinant Full Length Human ACTRT1 Protein, GST-tagged

Cat. No. ACTRT1-861HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACTRT1 full-length ORF (NP_612146.1, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	376 amino acids
Description	This gene encodes a protein related to the cytoskeletal protein beta-actin. This protein is a major component of the calyx in the perinuclear theca of mammalian sperm heads, and it therefore likely functions in spermatid formation. This gene is intronless and is similar to a related gene located on chromosome 1. A related pseudogene has also been identified approximately 75 kb downstream of this gene on chromosome X. [provided by RefSeq, May 2010]
Molecular Mass	68.1 kDa
AA Sequence	MFNPHALDVP AVIFDNGSGL CKAGLSGEIG PRHVISSVLG HCKFNVPLAR LNQKYFVGQE ALYKYEALHL HYPIERGLVT GWDDMEKLWK HLFERELGVK PSQQPVLMT E PSLNPREIRE KLAEMMFETF SVPGFYLSNH AVAALYASAC VTGLVVDSGD GVTCTVPIFE GYSLPHAVTK LCMAGRDITE HLTRLLFASG FNFP CILNKA VVNNIKEKLC YIALEPEKEL RKSARGEVLGA YRLPDGHVIH FGDELYQVPE VLFAPDQLGI HSPGLSKMVS SSIMKCDTDI QNKLYADIVL SGGTTLLPGL EERLMKEVEQ LASKGTPIKI TASPDRCFSA WIGASIMTSM

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SSFKQMWVTS ADFKEYGTSV VQRRCF

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

[ACTRT1 actin-related protein T1 \[Homo sapiens \]](#)

Official Symbol

[ACTRT1](#)

Synonyms

ACTRT1; actin-related protein T1; AIP1; ARIP1; Arp T1; KIAA0705; ARPT1; HSD27; MGC26590

Gene ID

[139741](#)

mRNA Refseq

[NM_138289](#)

Protein Refseq

[NP_612146](#)

MIM

[300487](#)

UniProt ID

[Q8TDG2](#)

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