

Recombinant Human ACTRT1 Protein, GST-tagged

Cat. No. ACTRT1-242H **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	Wheat Germ
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	MFNPHALDVPVAVIFDNGSGLCKAGLSGEIGPRHVISSVLGHCKFNVPLARLNQKYFV GQEALYKYEALHLHYPIERGLVTGWDDMEKLWKHLFERELGVKPSQQPVLMTEPSL NPREIREKLAEMMFETFSVPGFYLSNHAVAALYASACVTGLVVDSDGDGVTCTVPIFE GYSLPHAVTKLCMAGRDITEHLTRLLFASGFNFPCILNKAVVNNIKEKLCYIALEPEKE LRKSRGEVLGAYRLPDGHHVHFGDELYQVPEVLFPDQLGIHSPGLSKMVSSSIMKC DTDIQNKLYADIVLSGGTTLLPGLLEERLMKEVEQLASKGTPIKITASPDRCFSAWIGAS IMTSMSSFKQMWVTSADFKEYGTSVVQRRCF
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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.

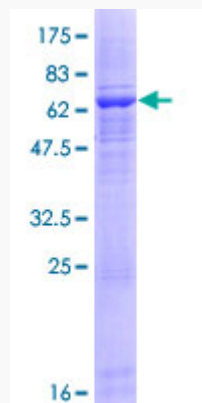
GENE INFORMATION

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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12.5% SDS-PAGE Stained with Coomassie Blue.

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