

Recombinant Human ACTRT1 Protein, GST-tagged

Cat. No. ACTRT1-243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACTRT1 partial ORF (NP_612146.1, 1 a.a. - 100 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	36.74 kDa
AA Sequence	MFNPHALDVPVAVIFDNGSGLCKAGLSGEIGPRHVISSVLGHCKFNVPLARLNQKYFV GQEALYKYEALHLHYPIERGLVTGWDDMEKLWKHLFERELGVK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	ACTRT1 actin-related protein T1 [Homo sapiens]
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Official Symbol	ACTRT1
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Synonyms	ACTRT1; actin-related protein T1; AIP1; ARIP1; Arp T1; KIAA0705; ARPT1; HSD27; MGC26590;
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Gene ID	139741
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mRNA Refseq	NM_138289
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Protein Refseq	NP_612146
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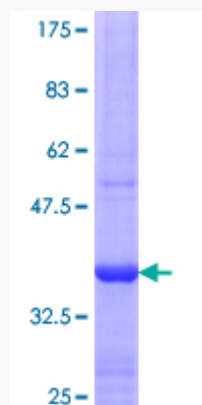
MIM	300487
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UniProt ID	Q8TDG2
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12.5% SDS-PAGE Stained with Coomassie Blue.

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