

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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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