

Recombinant Human AKTIP Protein, GST-tagged

Cat. No. AKTIP-4535H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FTS full-length ORF (AAH01134, 1 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The mouse homolog of this gene produces fused toes and thymic hyperplasia in heterozygous mutant animals while homozygous mutants die in early development. This gene may play a role in apoptosis as these morphological abnormalities are caused by altered patterns of programmed cell death. The protein encoded by this gene is similar to the ubiquitin ligase domain of other ubiquitin-conjugating enzymes but lacks the conserved cysteine residue that enables those enzymes to conjugate ubiquitin to the target protein. This protein interacts directly with serine/threonine kinase protein kinase B (PKB)/Akt and modulates PKB activity by enhancing the phosphorylation of PKBs regulatory sites. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]
Molecular Mass	57.86 kDa
AA Sequence	MNPFWSMSTSSVRKRSEGEKTLTGDKVKTSPPRTPAPKKQLPSIPKNALPITKPTSPA PAAQSTNGTHASYGPFYLEYSLLAFTLVVKQKLPGVYVQPSYRSALMWFGVIFIRH GLYQDGVFKFTVYIPDNYPDGDCPRLVFDIPVFHPLVDPTSGELDVKRAFAKWRRN HNHIWQVLMYARRVFYKIDTASPLNPEAAVLYEKDIQLFKSKVVDSVKVCTARLFDQ

 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

	PKIEDPYAISFSPWNPSVHDEAREKMLTQKKPEEQHNKSVHVAGLSWVKPGSVQPF SKEEKT VAT
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.
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	AKTIP AKT interacting protein [Homo sapiens]
Official Symbol	AKTIP
Synonyms	AKTIP; AKT interacting protein; FTS, fused toes (mouse) homolog, fused toes homolog (mouse); AKT-interacting protein; FLJ13258; fused toes homolog; fused toes protein homolog; FT1; FTS;
Gene ID	64400
mRNA Refseq	NM_001012398
Protein Refseq	NP_001012398
MIM	608483

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

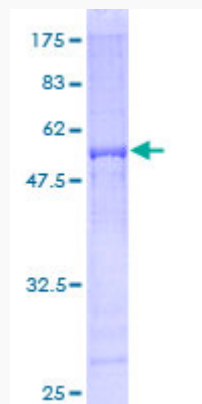
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

UniProt ID

Q9H8T0

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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