

Recombinant Mouse Aktip Protein, Myc/DDK-tagged

Cat. No. Aktip-1587M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thymoma viral proto-oncogene 1 interacting protein (Aktip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). Regulates apoptosis by enhancing phosphorylation and activation of AKT1. Increases release of TNFSF6 via the AKT1/GSK3B/NFATC1 signaling cascade.
Molecular Mass	32.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Aktip AKT interacting protein [*Mus musculus* (house mouse)]

Official Symbol Aktip

Synonyms AKTIP; thymoma viral proto-oncogene 1 interacting protein; AKT-interacting protein; fused toes protein; Ft; Fif; Ft1; Fts; AL023020

Gene ID 14339

mRNA Refseq NM_010241

Protein Refseq NP_034371

UniProt ID Q64362

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