

Product datasheet for TP504014

Aktip (NM_010241) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thymoma viral proto-oncogene 1 interacting protein (Aktip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204014 protein sequence Red =Cloning site Green =Tags(s)
	 MNPLWSMSAGSVRKRAEGEEKTLAGDVKTSPPRSAPKKQLPSIPKNALPIAKPTSPAPAAQSTNGTHASY GPFYLEYSLLAFTLVVKQKLPGVVYQPSYRSALVWFGVIFIRHGLYQDGVFKFTVYIPDNYPDGDCPRL LFDIPVFHPLVDPTSGELDVKRAFAKWRRNHNHIWQVLMYARRVYKIDTTSPLNPEAAVLYEKDIQLFK SKWVDSVKVCTARLFDQPKIEDPYAISFSPWNPSVHDEAREKMLTQKKPDEQHNKSVHVAGLSWVKPGSV QPFSKEEKT VAT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034371
Locus ID:	14339
UniProt ID:	Q64362



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RefSeq Size:	2173
Cytogenetics:	8 44.25 cM
RefSeq ORF:	879
Synonyms:	AL023020; Fif; Ft; Ft1; Fts
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]