

Product datasheet for **RR201165L4V**

Aktip (NM_001011926) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aktip (NM_001011926) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Aktip
Synonyms:	Fts
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001011926
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201165).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001011926.1 , NP_001011926.1
RefSeq Size:	1731 bp
RefSeq ORF:	879 bp
Locus ID:	291906
UniProt ID:	Q5FVH4
Cytogenetics:	19p11



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Gene 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]