Product datasheet for RC215999L3V

TACC2 (NM_006997) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TACC2 (NM_006997) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TACC2
Synonyms:	AZU-1; ECTACC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006997
ORF Size:	3078 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215999).
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_006997.2
RefSeq Size:	4090 bp
RefSeq ORF:	3081 bp
Locus ID:	10579
UniProt ID:	O95359
Cytogenetics:	10q26.13
Domains:	TACC
MW:	112.6 kDa

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Gene Summary:

Transforming acidic coiled-coil proteins are a conserved family of centrosome- and microtubule-interacting proteins that are implicated in cancer. This gene encodes a protein that concentrates at centrosomes throughout the cell cycle. This gene lies within a chromosomal region associated with tumorigenesis. Expression of this gene is induced by erythropoietin and is thought to affect the progression of breast tumors. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]