Product datasheet for RC207978L1V

TTC21B (NM_024753) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TTC21B (NM_024753) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TTC21B
Synonyms:	ATD4; FAP60; FLA17; IFT139; IFT139B; JBTS11; Nbla10696; NPHP12; SRTD4; THM1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_024753
ORF Size:	3948 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207978).
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_024753.3
RefSeq Size:	4916 bp
RefSeq ORF:	3951 bp
Locus ID:	79809
UniProt ID:	Q7Z4L5
Cytogenetics:	2q24.3
Domains:	TPR
Protein Families:	Protease

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MW: 150.8 kDa

Gene Summary: This gene encodes a member of TTC21 family, containing several tetratricopeptide repeat (TPR) domains. This protein is localized to the cilium axoneme, and may play a role in retrograde intraflagellar transport in cilia. Mutations in this gene are associated with various ciliopathies, nephronophthisis 12, and asphyxiating thoracic dystrophy 4. [provided by RefSeq, Oct 2011]