

Product datasheet for **RC209614L3V**

TTC25 (ODAD4) (NM_031421) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TTC25 (ODAD4) (NM_031421) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ODAD4
Synonyms:	TTC25
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031421
ORF Size:	1995 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209614).
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_031421.1
RefSeq Size:	2310 bp
RefSeq ORF:	2019 bp
Locus ID:	83538
UniProt ID:	Q96NG3
Cytogenetics:	17q21.2
Domains:	TPR
MW:	75.8 kDa



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Gene Summary:

This gene encodes a tetratricopeptide repeat domain-containing protein that localizes to ciliary axonemes and plays a role in the docking of the outer dynein arm to cilia. Mutations in this gene cause severely reduced ciliary motility and the disorder CILD35 (ciliary dyskinesia, primary, 35). Primary ciliary dyskinesia is often associated with recurrent respiratory infections, immotile spermatozoa, and situs inversus; an inversion in left-right body symmetry. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2017]