

## Product datasheet for **RC205411L3V**

### TDRD7 (NM\_014290) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TDRD7 (NM_014290) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TDRD7
Synonyms:	CATC4; PCTAIRE2BP; TRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014290
ORF Size:	3294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205411).
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. <a href="#">More info</a>
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:	<a href="#">NM_014290.2</a> , <a href="#">NP_055105.1</a>
RefSeq Size:	3785 bp
RefSeq ORF:	3297 bp
Locus ID:	23424
UniProt ID:	<a href="#">Q8NHU6</a>
Cytogenetics:	9q22.33
Domains:	TUDOR, TUDOR
MW:	123.6 kDa



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**Gene Summary:**

The protein encoded by this gene belongs to the Tudor family of proteins. This protein contains conserved Tudor domains and LOTUS domains. It is a component of RNA granules, which function in RNA processing. Mutations in this gene have been associated with cataract formation in mouse and human. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]