

Product datasheet for RC226992L4V

TCTN2 (NM_001143850) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TCTN2 (NM_001143850) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TCTN2
Synonyms:	C12orf38; JBTS24; MKS8; TECT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001143850
ORF Size:	2088 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226992).
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_001143850.2
RefSeq Size:	2927 bp
RefSeq ORF:	2091 bp
Locus ID:	79867
UniProt ID:	Q96GX1
Cytogenetics:	12q24.31
MW:	76.7 kDa


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Gene Summary:

This gene encodes a type I membrane protein that belongs to the tectonic family. Studies in mice suggest that this protein may be involved in hedgehog signaling, and essential for ciliogenesis. Mutations in this gene are associated with Meckel syndrome type 8. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]