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Product datasheet for RC209710L3V

TAPT1 (NM_153365) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TAPT1 (NM_153365) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TAPT1
Synonyms:	CMVFR; OCLSBG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153365
ORF Size:	1701 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209710).
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_153365.2
RefSeq Size:	4610 bp
RefSeq ORF:	1704 bp
Locus ID:	202018
UniProt ID:	Q6NXT6
Cytogenetics:	4p15.32
Domains:	DUF747
Protein Families:	Druggable Genome, Transmembrane

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MW: 64.1 kDa

Gene Summary: This gene encodes a highly conserved protein that localizes to the centrosome and/or ciliary basal body. Mutations in this gene disrupt Golgi morphology and trafficking and normal primary cilium formation and these mutations are congenitally manifested by severe undermineralization of the intra-uterine skeleton. A mutation in the mouse ortholog of this gene results in homeotic, posterior-to-anterior transformations of the axial skeleton which are similar to the phenotype of mouse homeobox C8 gene mutants. In mouse, this gene is thought to function downstream of homeobox C8 to transduce extracellular patterning information during axial skeleton development. [provided by RefSeq, Jan 2017]