

Product datasheet for **RC226799L4V**

Meckelin (TMEM67) (NM_001142301) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Meckelin (TMEM67) (NM_001142301) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Meckelin
Synonyms:	JBTS6; MECKELIN; MKS3; NPHP11; TNEM67
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142301
ORF Size:	2742 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226799).
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_001142301.1 , NP_001135773.1
RefSeq ORF:	2745 bp
Locus ID:	91147
UniProt ID:	Q5HYA8
Cytogenetics:	8q22.1
Protein Families:	Transmembrane
MW:	103.4 kDa


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Gene Summary:

The protein encoded by this gene localizes to the primary cilium and to the plasma membrane. The gene functions in centriole migration to the apical membrane and formation of the primary cilium. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Meckel syndrome type 3 (MKS3) and Joubert syndrome type 6 (JBTS6). [provided by RefSeq, Nov 2008]