

Product datasheet for **RC202671L4V**

TMEM138 (NM_016464) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMEM138 (NM_016464) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM138
Synonyms:	HSPC196
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016464
ORF Size:	486 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202671).
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_016464.2
RefSeq Size:	1868 bp
RefSeq ORF:	489 bp
Locus ID:	51524
UniProt ID:	Q9NPI0
Cytogenetics:	11q12.2
Protein Families:	Transmembrane
MW:	19.3 kDa



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Gene Summary:

This gene encodes a multi-pass transmembrane protein. Reduced expression of this gene in mouse fibroblasts causes short cilia and failure of ciliogenesis. Expression of this gene is tightly coordinated with expression of the neighboring gene TMEM216. Mutations in this gene are associated with the autosomal recessive neurodevelopmental disorder Joubert Syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]