

Product datasheet for **RC222491L3V**

TMC2 (NM_080751) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMC2 (NM_080751) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMC2
Synonyms:	C20orf145
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_080751
ORF Size:	2718 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222491).
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_080751.2 , NP_542789.2
RefSeq Size:	3169 bp
RefSeq ORF:	2721 bp
Locus ID:	117532
UniProt ID:	Q8TDI7
Cytogenetics:	20p13
Protein Families:	Transmembrane
MW:	102.4 kDa


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Gene Summary:

This gene encodes a transmembrane protein that is necessary for mechanotransduction in cochlear hair cells of the inner ear. Mutations in this gene may underlie hereditary disorders of balance and hearing. [provided by RefSeq, Aug 2015]