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Product datasheet for RC207069L3V

MYO1F (NM_012335) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYO1F (NM_012335) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYO1F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012335
ORF Size:	3294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207069).
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_012335.2
RefSeq Size:	3860 bp
RefSeq ORF:	3297 bp
Locus ID:	4542
UniProt ID:	O00160
Cytogenetics:	19p13.2
Domains:	IQ, SH3, myosin_head
MW:	124.7 kDa

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Gene Summary: Myosins are molecular motors that use the energy from ATP hydrolysis to generate force on actin filaments. The protein encoded by this gene is an unconventional myosin that may be involved in the intracellular movement of membrane-enclosed compartments. There is evidence to suggest that mutations in this gene can result in hearing loss. [provided by RefSeq, Jan 2017]