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Product datasheet for RC209252L4V

MYO1A (NM_005379) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MYO1A (NM_005379) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MYO1A
Synonyms:	BBMI; DFNA48; MIHC; MYHL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005379
ORF Size:	3129 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209252).
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_005379.2
RefSeq Size:	3624 bp
RefSeq ORF:	3132 bp
Locus ID:	4640
UniProt ID:	Q9UBC5
Cytogenetics:	12q13.3
MW:	118.2 kDa

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Gene Summary: This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional skeletal muscle myosin-1 (MYH1). Unconventional myosins contain the basic domains characteristic of conventional myosins and are further distinguished from class members by their tail domains. They function as actin-based molecular motors. Mutations in this gene have been associated with autosomal dominant deafness. Alternatively spliced variants have been found for this gene. [provided by RefSeq, Dec 2011]