

Product datasheet for **MR206167L4V**

Myohd1 (BC007156) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myohd1 (BC007156) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Myohd1
Synonyms:	1110055A02Rik; Myohd1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC007156
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206167).
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:	BC007156 , AAH07156
RefSeq Size:	2856 bp
RefSeq ORF:	1187 bp
Locus ID:	66196
Cytogenetics:	11 C



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Gene Summary:

Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:24825904). Motor protein that moves towards the plus-end of actin filaments (PubMed:24825904). Required for mitochondrial inheritance during mitosis (By similarity). May be involved in mitochondrial transport or positioning (By similarity). [UniProtKB/Swiss-Prot Function]