

Product datasheet for **MR225481L3V**

Myf5 (NM_008656) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Myf5 (NM_008656) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Myf5
Synonyms:	B130010J22Rik; bHLHc2; Myf-5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008656
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225481).
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_008656.5 , NP_032682.1
RefSeq Size:	2083 bp
RefSeq ORF:	768 bp
Locus ID:	17877
UniProt ID:	P24699
Cytogenetics:	10 55.95 cM



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Gene Summary:

Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.
[UniProtKB/Swiss-Prot Function]