

Product datasheet for MC210791

Mybphl (NM_026831) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Mybphl

Synonyms: I110037P1IRik

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC210791 representing NM_026831
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGACAGCCACCACACTGGAGATAGCCTCATGCTCCCAGCGGCAGGTAGAAGCAGCTGCTGACCCAG
CGGATGCTAAAGGACCCCGGACTTCACATCAACAGGAGGCAGGCAGCCCTTCTCTGCAGCTCCTGCCCTC
TATTGAAGAGCACCCCAAGATCTGGCTACCTCGGGCCCTGAAGCAGACTTACATCCGGAAGGCTGGGGAG
ACAGTGAATCTACTAATCCCGATCCAGGTAAGCCAAACCTCAAACCACTGGACTCACAATGGCTGTG
CCCTGGACAGCAGCCGTGTGAGCGTGCAGGAATGGGGAGCATGACTCTATTCTTTTCATCAGAGAGGCCCA
ACGCACTGACTCAGGATGCTACCAACTCTGTGTGAGCTCGGTGGGCTGCAGGCCACTGCCACCATCAAT
ATCCTGGTGATCGAGAAGCCAGGCCCTCCTCAGAGTATTAAGTTGGTGGACGTTTGGGGCGCAATGCTA
CTCTGGAATGGACACCTCCACAAGATACGGCAATACAGCTCTCCTGGGATACACGGTGCAGAAGGCTGA
CAAAAAATCTGGGCTCTGGTTACAGTCTCTGGAGCGTTACCACCGAACCAGCTGCGTTGTCTCCAATCTC
ATTGTTGGCAACTCCTATGCCTTCCGGGTCTTTGCGGAGAACCAGTGTGGGCTCAGCGACACAGCCCTG
TCACAGCTGACCTTGCCACATCCAGAAAGCAGCTACTGTTTACAAGGCCAAGGGGTTTGCCAGCGGGA
CCTCTCAGAAGCTCCCAAGTTTACCAGCCGCTGGCAGACTGCACTACAGTCACTGGCTATGATACCCAG
CTCTTCTGCTGTGTGCGTGCCTCTCCAGGCCCAAGATCATCTGGCTAAAGAACAAGATGGACCTCCAAG
GCAACCCCAAGTACAGAGCCCTCAGTCAGCTGGGATCTGCTCCCTAGAAATCCGCAAGCCTAGCCCTT
CGATGGAGGCATCTACACCTGCAAGGCCATCAATGCTCTGGGGAGGCATCCGTGGACTGTCGGGTGGAT
GTAAAGCTCCTCATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_026831
Insert Size:	1068 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_026831.1 , NP_081107.1
RefSeq Size:	1287 bp
RefSeq ORF:	1068 bp
Locus ID:	68753
UniProt ID:	Q5FW53
Cytogenetics:	3 F3
Gene Summary:	Myosin-binding protein which plays a role in cardiac function (PubMed:28778945). Seems to regulate conduction in the atria and ventricular conduction systems (PubMed:28778945). [UniProtKB/Swiss-Prot Function]