

Product datasheet for **MC209002**

Myf6 (NM_008657) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Myf6 (NM_008657) Mouse Untagged Clone
Tag: Tag Free
Symbol: Myf6
Synonyms: bHLHc4; herculin; MRF4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209002 representing NM_008657
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGATGGACCTTTTTGAACTGGCTCCTATTTCTTCTACTTAGATGGAGAAAATGTGACTCTTCAGC
CATTAGAAGTGGCAGAGGGCTCTCCTTTGTATCCAGGGAGTGATGGTACCCTATCCCCTTCCAGGACCA
AATGCCCCAGGAAGCCGGGAGCGACAGCAGTGGAGAGGAACACGTTCTGGCTCCCCAGGCCTGCAGCCT
CCCCACTGCCCTGGCCAGTGTCTGATCTGGGCTTGAAGACTTGAAGAGAAAATCTGCCCCACAGATC
GTCGGAAGCAGCTACCCTGCGCGAAAGGAGGAGACTAAAGAAAATCAACGAAGCCTTTGAGGCCCTGAA
GCGTGGACTGTGGCAACCCCAACCAGAGACTGCCCAAGGTGGAGATTCTGCGGAGTGCCATCAGCTAC
ATTGAGCGTCTACAGGACCTGCTGCACCGGCTGGATCAGCAAGAGAAGATGCAGGAGCTGGGCGTGGACC
CCTACAGCTACAAACCAAGCAAGAAATCTTGAGGGTGGGATTTCTGCGCACCTGCAGCCCCCAGTG
GCCAAGTGTTCGGATCATTCCAGGGCCCTCGTGATAACTGCTAAGGAAGGAGGACAAACGTGGATGCC
TCAGCCTCCAGCAGTCTTCAGCGCCTTTCTCCATCGTGGACAGTATTTCTTCAGAGGAACGCAAACCTCC
CCAGCGTGGAGGAGGTGGTGGAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008657
Insert Size: 729 bp



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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:	<ol style="list-style-type: none">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.
RefSeq:	NM_008657.2 , NP_032683.1
RefSeq Size:	1248 bp
RefSeq ORF:	729 bp
Locus ID:	17878
UniProt ID:	P15375
Cytogenetics:	10 55.96 cM
Gene Summary:	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.[UniProtKB/Swiss-Prot Function]