

Product datasheet for **SC209738**

MYH14 (NM_001077186) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MYH14 (NM_001077186) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MYH14
Synonyms: DFNA4; DFNA4A; FP17425; MHC16; MYH17; myosin; NMHC-II-C; NMHC II-C; PNMHH
ACCN: NM_001077186
Insert Size: 780 bp
Insert Sequence: >SC209738 3'UTR clone of NM_001077186
 The sequence shown below is from the reference sequence of NM_001077186. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGGGTCCCCACCAGCCACCCCCAGTGAACCTACCCTGTCCCCAGATGCACTAACAGATGGGGCCCA
GCCCCCTTCCCTCCCTGGACCCACGGGCCCTGTCCCAGGAACCCCGCCCTCTGACTTCTTGCCCTTTG
GAAATGGTGCAGCACTCTGGCATTATACCCCCACCTGGGTCCCCTGCAACCTCCCATCAAGGATGA
CCCCTAAACACAGAGGAGCGGGGAGGCAGGGAGGCAATGACTGGAGCTACCTTGCTTGTGGGGGACT
GGGTACAGTTGGCAAGCTGTGTTTCCATCAGCTCCCTGTCCTCTTTCTCCCTCGTTATTGATCTATA
GACATTAGGAAGGGAGTGAGACGGCTCCTCCACCATCCTCAGCCAGTGAACCCATTCCCTCTGCTTCT
CTCTCTCTCTCTCTCCCTCCCTCTCCTTCCCTACCCTCTCACCATCTTTCTTGGCCTCTCTGAGG
GTCTCTCTGTGCATCTTTTTAGGAATCTCGCTCTACTCTCTACGTAGCCACTCTCCTTCCCCCATTTT
TGCGTCCACCCCTGAACCTCTGAGCGACAGAAGCCCCAGGCCTCCACCAGCCTTGAACCTTGCAAAGG
GGCAGGACAAGGGGACCCCTCTACTCCTGCTGCTGCCATGCTCTGCCCTCCCTTCTGGTTGCTCTGA
GGTTTCGGAGCTTCCCTCTGGGACTAAAGGAGTGCCTTTACCCTCCAGCCTCCAGGCTCTGGCAGAA
ATAAACTCCAACCCGACTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001077186.2
Summary:	This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-14 (MYO14). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene result in one form of autosomal dominant hearing impairment. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Locus ID:	79784
MW:	28.5