

Product datasheet for **SC209739**

MYH14 (NM_024729) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MYH14 (NM_024729) Human 3' UTR Clone
Symbol: MYH14
Synonyms: DFNA4; DFNA4A; FP17425; MHC16; MYH17; myosin; NMHC-II-C; NMHC II-C; PNMHH
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_024729

Insert Size: 780 bp

Insert Sequence: >SC209739 3'UTR clone of NM_024729
 The sequence shown below is from the reference sequence of NM_024729. 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
GAGGGTCCCCACCAGCCACCCCCAGTGACCCTACCCTGTCCCCAGATGCACTAACAGATGGGGCCCA
GCCCCCTCCTCCCTGGACCCACGGGCCCTGTCCCAGGAACCCCGCCCTCTGACTTCTTGCCCTTTG
GAAATGGTGCAGCACTCTGGCATTATCACCCCCACCTGGGTCCCCTGCAACCTCCCATCAAAGGATGA
CCCCTAAACACAGAGGAGCGGGCAGGCAGGGAGGCAATGACTGGAGCTACCTTGCTTGTGGGGGACT
GGGTACAGTTGGCAAGCTGTGTTCCATCAGCTCCCTGTCTCCTTTCTCCCTCGTTATTGATCTATA
GACATTAGGAAGGGAGTGAGACGGCTCCTCCACCATCCTCAGCCAGTGCAACCCATTCCCTCTGTTCT
CTCTCTCTCTCTCTCTCCCTCCCTCTCCTTCCCTACCCTCTCACCATCTTTCTTGGCCTCTCTGAGG
GTCTCTCTGTGCATCTTTTTAGGAATCTCGCTCTCACTCTCTACGTAGCCACTCTCCTTCCCCCATTTT
TGCGTCCACCCCTGAACCTCTGAGCGACAGAAGCCCCAGGCCCTCCACCAGCCTTGAACCCCTGCAAAGG
GGCAGGACAAGGGGACCCCTCTCACTCTGCTGCTGCCATGCTCTGCCCTCCCTCTGGTTGCTCTGA
GGGTTCCGAGCTTCCCTCTGGGACTAAAGGAGTGTCTTTACCCTCCCAGCCTCCAGGCTCTGGCAGAA
ATAAACTCCAACCCGACTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_024729.4</u>
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