

Product datasheet for SC212912

MYO16 (NM_015011) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MYO16 (NM_015011) Human 3' UTR Clone
Symbol:	MYO16
Synonyms:	MYAP3; Myo16b; MYR8; NYAP3; PPP1R107
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015011
Insert Size:	1199 bp
Insert Sequence:	>SC212912 3'UTR clone of NM_015011 The sequence shown below is from the reference sequence of NM_015011. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CCGTCTGAGCTCTGGACACCACCATTATGTGGCCTGAACTGCAGACTTACAAAATAGAAGTGCCTA
CTGATTCGGGCTGCAACAACAGAAGGCTGCCTTCTGACATGCGCTGGGCTTCTCTCCACGCATTTAG
ACAAAAAAGCACAGGACACAGACACTAAATATATGAGATCCCGTGTGTGTGTGTGTGTGTGTGTGTGT
GTGTGTGTGGTCTTTCTTATCCATCTCGTGGTGATACACTCTGATTTTCAAGCTCCTCATTTACGGC
TCTGTGCTACCCCTAGGTAGCAAGAGAGAGGCTGGGAAAAGTGTGGACGTGGCCAGAGCGAGAGAGTAG
CGGAGGAAAGGAGCAATCCATGCACACTCTGTACAGTTGTTTTTCTACGTTTCAACAGTCTGTTTATTG
TACTTCCAATGGTTTTATTATAATACAGTATACGGGACATATATTTATTTCTTTGTAGCTACTTGTGT
TTTATTGGTATTATAAACCTGATAATTATTTACATGTTTATTACTGTAATTTTATAAATTTATGCAATT
GGTGGTGCTTCCTTTCTTCAAAATACAGATTTTAAAAATCATTTCTAGATTATTTTTTCTCCACAG
TCCTTTTTTTTACCTAACGCACCTAAATCTTGAACTACATTGTTGTTTCTAGCTTCGCCAGTGTCACC
CCTTGCAAAACTATGAATTGAGCCCATGTTTTAGGTGTTACTCATGGATGAGGAGGCTGTTCTTTCTT
ATGCCCTGTATTTCTGGATAAGTGATTGTGTACCTTTTAGTTAAATTTACCTCCGACTTCAGCATA
GATCACAGGAAATCACATGGCACACGGTTAAACACGTATGGCTTCAAATCCATAGCCGGTGGTGTAATA
TGATCATATTCAATCAAAGGCCTACACAGTACAAATGAGCACGCTGCCATGTACTGGTTTGTAGCAGTAG
GGGCTGCATCGCACAGCGCTCGTCCCCGGGACTTACACTGCATGATTCCCTCACTGTATATCCTCAAC
CCTCCCATAAATGCAAGGCCTTGTTCAATTGATGTGCTTTCTGCGGCTGTCGAAAGTTCTGAGCAGTGGC
TCCAGACCACCTTGCTTGTACTTGAAGTATTTATTCATACCAGCCTTTGAAAGTTACTGTGCCAA
TAAAGAGGTACAAGTGTGTTCTTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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_015011.3</u>
Summary:	This gene encodes an unconventional myosin protein. The encoded protein has been proposed to act as a serine/threonine phosphatase-1 targeting or regulatory subunit. Studies in a rat cell line suggest that this protein may regulate cell cycle progression. A variant within this gene may be associated with susceptibility to schizophrenia and elevated expression of this gene has been observed in the frontal cortex of human schizophrenia patients. [provided by RefSeq, Mar 2017]
Locus ID:	23026
MW:	45.7