

Product datasheet for **SC216503**

MIR16 (GDE1) (NM_016641) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MIR16 (GDE1) (NM_016641) Human 3' UTR Clone
Symbol:	MIR16
Synonyms:	363E6.2; MIR16
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016641
Insert Size:	1807 bp



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Insert Sequence: >SC216503 3'UTR clone of NM_016641
 The sequence shown below is from the reference sequence of NM_016641. 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
ATGGTAGAAGACTGCGAACCTCACTTCTAGACTTTACGGTGGGACGAAACGGGTTGAGAACTGCCAG
GGGCTCATACAGGGATATCAAAATACCCTTTGTGCTAGCCAGGCCCTGGGGAATCAGGTGACTCACA
CAAATGCAATAGTTGGTCACTGCATTTTTACCTGAACCAAAGCTAAACCCGGTGTGCCACCATGCACC
ATGGCATGCCAGAGTTCAACACTGTTGCTCTTGAAATCTGGGTCTGAAAAACGCACAAGACCCCTG
CCCTGCCCTAGCTGAGGCACACAGGGAGACCCAGTGAGGATAAGCACAGATTGAATTGTACAGTTTGA
GATGCAGATGTAATGCATGGGACATGCATGATAACTCAGAGTTGACATTTAAACTTGCCACACTTA
TTTCAAATATTTGACTCAGCTATGTTAACATGACTGTAGACATCAAACCTGTGGCCATACTAATAAAA
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GAAGCCACCATGCAATCCAGTGAGGCTTCAAGTGTACAGCAACCAAATGTTAGGGAGGTCTGAAGCCA
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ATATCTAGGTTTGTCTCATTTTACAAATGAGGAACTAAACTCTGTGGAAGGGAAGGGGTTGCCTCAA
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AATGAGCCATGATTACACCACGGCACTACAACCTTGGTGGCAGTGAGAACCTGACTCTTAAAAAAA
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TCACCTTTCAACCCATCTGTGGCCTTTGTCCAGGCCACAGCTTAGCCATGGCTTCCCTCCTGCATCC
CTGCCGTGGGTTGCTGGCCTCACACTTGCAGCAGCTGGACAGTATTTAGAAGGCCACAGTCCCAT
AGCTATGTGACAATGAGAAGCAAACCTTTTTGTGACAGATTGTATTGGCATAGGCATGATAGATGGGGA
TTGGTACGTTTTGAATCAGCATTGCAAAAAATTGTCTTGAATTTAAATAAACCAACAAGATTTGT
TCATTGAGTGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_016641.4](#)

Summary: Has glycerophosphoinositol phosphodiesterase activity. Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines. Has little or no activity towards glycerophosphocholine. GDE1 activity can be modulated by G-protein signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 51573

MW: 68.8