

Product datasheet for **SC206377**

Dystrophin (DMD) (NM_004019) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Dystrophin (DMD) (NM_004019) Human 3' UTR Clone |
| Symbol: | Dystrophin |
| Synonyms: | BMD; CMD3B; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272; MRX85 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_004019 |
| Insert Size: | 500 bp |
| Insert Sequence: | >SC206377 3'UTR clone of NM_004019 |

The sequence shown below is from the reference sequence of NM_004019. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTCTTAGAGGGGACAACATGGAAACGTGAGTAGTAGCAAAAGCAGAACACACTCTGTTTGATGTATA
TTTGAACCTCTCAGCTGAACACCCTCCTTCACTCCCAAATGCAAACAGTCTTCTATTTCTTTCTT
TTTATTTACATTAGCTGAAAAGAGAAAAATAAGCTGATGTCCAGTTGCCACTTTCCACGTCACCTTGAC
AATTTCTTTTTCCAAAAGTTAACTTTATCTCACAGGGGGAAAAAAAAAAAAAAAAACCACAACACAATAC
AGCCACTAATTGCCTTACAAGCCTTATAAGAAATATGGGACTGTTTACAAATGAGTGATTCCAGTATTT
CATTTTGATTTCTCTCTCACAAATCAGTAAATGTGTGTCTTTTGTATCTCATTGTGTGGTCATATC
TAGTCACTTGTTTCTACTCAAAGAAAATATAGTCACAGGAACTACTTCACAGTAAGTAGTAATGATT
CTCAAGATCAAAGGGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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). |



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| 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_004019.3</u> |
| Summary: | This gene spans a genomic range of greater than 2 Mb and encodes a large protein containing an N-terminal actin-binding domain and multiple spectrin repeats. The encoded protein forms a component of the dystrophin-glycoprotein complex (DGC), which bridges the inner cytoskeleton and the extracellular matrix. Deletions, duplications, and point mutations at this gene locus may cause Duchenne muscular dystrophy (DMD), Becker muscular dystrophy (BMD), or cardiomyopathy. Alternative promoter usage and alternative splicing result in numerous distinct transcript variants and protein isoforms for this gene. [provided by RefSeq, Dec 2016] |
| Locus ID: | 1756 |
| MW: | 19 |