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Product datasheet for SC203444

Dysferlin (DYSF) (NM_001130983) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Dysferlin (DYSF) (NM_001130983) Human 3' UTR Clone
Symbol:	Dysferlin
Synonyms:	FER1L1; LGMD2B; LGMDR2; MMD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130983
Insert Size:	301 bp
Insert Sequence:	>SC203444 3'UTR clone of NM_001130983 The sequence shown below is from the reference sequence of NM_001130983. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCATGAAGCTGGTGAAGCCCTTCAGCTGAGGACTCTCCTGCCCTGTAGAAGGGGCCGTGGGGTCCCCT CCAGCATGGGACTGGCCTGCCTCCTCCGCCCAGCTCGGCGAGCTCCTCCAGACCTCCTAGGCCTGATTG TCCTGCCAGGGTGGGCAGACAGACAGATGGACCGGCCCACACTCCCAGAGTTGCTAACATGGAGCTCTG AGATCACCCCACTTCCATCATTTCCTTCTCCCCCAACCCAACGCTTTTTTGGATCAGCTCAGACATATT TCAGTATAAAACAGTTGGAACCACA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001130983.2

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Summary: The protein encoded by this gene belongs to the ferlin family and is a skeletal muscle protein found associated with the sarcolemma. It is involved in muscle contraction and contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. In addition, the protein encoded by this gene binds caveolin-3, a skeletal muscle membrane protein which is important in the formation of caveolae. Specific mutations in this gene have been shown to cause autosomal recessive limb girdle muscular dystrophy type 2B (LGMD2B) as well as Miyoshi myopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2008]

Locus ID: 8291

MW: 10.9

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