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Product datasheet for SC203853

Dysferlin (DYSF) (NM_003494) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Dysferlin (DYSF) (NM_003494) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: DYSF

Synonyms: FER1L1; LGMD2B; LGMDR2; MMD1

ACCN: NM_003494

Insert Size: 301 bp

Insert Sequence:

>SC203853 3'UTR clone of NM_003494
The sequence shown below is from the reference sequence of NM_003494. 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_003494.4

View online »

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