

Product datasheet for **RG238627**

FSD1L (NM_001287191) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSD1L (NM_001287191) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FSD1L
Synonyms:	CCDC10; CSDUFD1; FSD1CL; FSD1NL; MIR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238627 representing NM_001287191.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGACTCCCAGAAAGAAGCTCTACAGAGGATCATTTCAACTCTGGCAAATAAAAATGATGAAATTCAG
AACTTTATTGATACACTACATCATACACTAAAAGGAGTTCAGGAAAATTCGTCCAACATACTCTCAGAG
TTAGATGAAGAATTTGATAGTTTATACTCTATACTGGATGAAGTAAAAGAAAGTATGATTAAGTGTATC
AAGCAGGAACAAGCTCGTAAATCCCAAGAGTTACAGAGTCAGATTAGTCAATGTAATAATGCCCTGGAG
AACTCTGAAGAACTATTAGAATTTGCAACAAGGTCATTAGATATAAAGGAACCTGAAGAATTTTCAAAG
GCTGCCAGACAGATCAAGGATAGAGTCACAATGGCTTCAGCCTTTTCGCCTTTCTTTGAAACCAAAGGTC
AGTGACAACATGACTCATTTAATGGTGGATTTCTCACAGGAAAGACAGATGCTGCAAACTTTGAAGTTT
TTGCCAGTCCCCAAAGCTCCAGAGATAGATCCAGTAGAGTGTGGTGGCAGATAACTCTGTAACAGTG
GCTTGGAGAATGCCAGAAGAAGATAATAAGATTGACATTTTATACTGGAACATAGGAAGACTAATTTT
GATGGACTTCCAGTGTAAAGGATGAGCGATGCTGGGAGATAATTGATAATTAAGGGTACTGAATAT
ACACTATCAGGCTTAAAAATTTGATTCAAAGTATATGAATTTTCAGAGTGGCAGCTTGTAAACAAGGCTGTG
GCTGGAGAGTATTCTGATCCAGTGAAGTCTAGAGACCAAAGCACTTAACTTCAATTTGGATAACTCTCA
TCCCATTTGAACCTGAAAGTTGAAGATACATGTGTAGAGTGGGATCCTACTGGAGGAAAAGGTCAGAA
AGTAAAAATTAAGGAAAAGAGAACAAGGCGAGTGTCCATGTTACTTCACTGAAGAAAACATACAAGTGGT
ACACCATCCCCAAAACGAACATCTGTAGGCTCCAGGCCACCAGCAGTAAGAGGCGAGTAGAGATCGTTTT
ACTGGAGAATCATACACAGTCTGGGAGACACTGCTATTGAAAGTGGACAACATTATTGGGAGGTCAAG
GCCCAGAAGGATTGTAATCCTACAGTGTGGGAGTAGCATACAAAACGTTGGGAAAATTTGACCAATTG
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AATAATAAAGTCAAAGCTTTGGATGTTACTGTTCTGAAAAAATAGGTGATTTTGTGATTTTGTGGG
GGTCAACTTTCTATGATGCAAAATCTAAACAGTTGCTATATTCCTTTAAGACAAAATTTACTCAG
CCAGTACTACCTGGTTTCATGGTATGGTGTGGTGGACTTTCTTTGAGTACTGGGATGCAGGTTCCAAGT
GCTGTGAGAACACTTCAGAAAAGTAAAATGGAATGACTGGTTCAGTACGAGCCTGAACAATGTTGTT
ACTCAA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
  
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Protein Sequence:

>Peptide sequence encoded by RG238627
 Blue=ORF Red=Cloning site Green=Tag(s)

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MDSQKEALQRIISTLANKNDEIQNFIDTLHHTLKGQVQENSSNILSELDEEFDSL YSILDEVKESMINCI
KQEQARKSQELQSQISQCNNALENSEELLEFA TRSLDIKEPEEF SKAARQIKDRVTMASAFRLSLKPKV
SDNMTHLMVDFSQERQMLQTLKFLPVPKAP EIDPVECLVADNSVTVAWRMPEEDNKIDHF ILEHRKTNF
DGLPRVKDERCWEIIDNIKGTEYTL SGLKFD SKYMNFRVRACNKAVAGEYSDPVTLETALNFNLDNSS
SHLNLKVEDTCVEWDPTGGKGQESKIKGKENKGSVHVTSLKKHTSGT PPSKRTSVGSRPPAVRGS RDRF
TGESYTVLGDTAIESGQHYWEVKAQK DCKSYSVGVAYKTLGKFDQLGKTNTSWCIHVNNWLQNTFAAKH
NNKVKALDVTVPEKIGVFCDFDGGQLSFYDANSKQLLYSFKTKFTQPVLPGFMVWCGLSLSTGMQVPS
AVRTLQKSENGMTGSASSLNNVVTQ
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
  
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001287191

ORF Size: 1524 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001287191.1](#), [NP_001274120.1](#)

RefSeq Size: 7684 bp

RefSeq ORF: 1527 bp

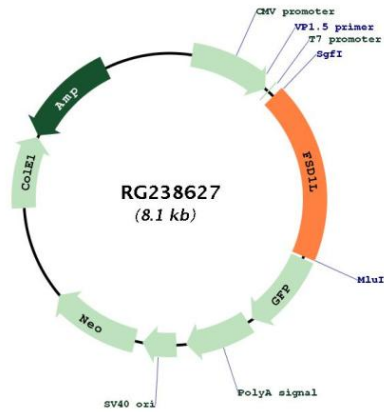
Locus ID: 83856

UniProt ID: [Q9BXM9](#)

Cytogenetics: 9q31.2

MW: 57.5 kDa

Product images:



Circular map for RG238627