

Product datasheet for **RG238569**

FSD1L (NM_001287192) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSD1L (NM_001287192) 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:

>RG238569 representing NM_001287192.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACTCCAGAAAGAAGCTCTACAGAGGATCATTTCAACTCTGGCAAATAAAAATGATGAAATTCAG
AACTTTATTGATACACTACATCATACACTAAAAGGAGTTCAGGAAAATTCGTCCAACATACTCTCAGAG
TTAGATGAAGAATTTGATAGTTTATACTCTATACTGGATGAAGTAAAAGAAAGTATGATTAAGTGTATC
AAGCAGGAACAAGCTCGTAAATCCCAAGAGTTACAGAGTCAGATTAGTCAATGTAATAATGCCCTGGAG
AACTCTGAAGAACTATTAGAATTTGCAACAAGGTCATTAGATATAAAGGAACCTGAAGAATTTCAAAG
GCTGCCAGACAGATCAAGGATAGAGTCACAATGGCTTCAGCCTTTCGCCTTCTTTGAAACCAAAGGTC
AGTGACAACATGACTCATTTAATGGTGGATTTCTCACAGGAAAGACAGATGCTGCAAACCTTTGAAGTTT
TTGCCAGTCCCCAAAGCTCCAGAGATAGATCCAGTAGAGTGTGGTGGCAGATAACTCTGTAACAGTG
GCTTGGAGAATGCCAGAAGAAGATAATAAGATTGACATTTTATACTGGAACATAGGAAGACTAATTTT
GATGGACTTCCAGTGTAAGGATGAGCGATGCTGGGAGATAATTGATAATTAAGGGTACTGAATAT
ACACTATCAGGCTTAAAAATTTGATTCAAAGTATATGAATTCAGAGTGCGAGCTTGAACAAAGGCTGTG
GCTGGAGAGTATTCTGATCCAGTGAAGTCTAGAGACCAAAGCACTTAACTCAATTTGGATAACTCCTCA
TCCCATTTGAACCTGAAAGTTGAAGATACATGTGTAGAGTGGGATCCTACTGGAGGAAAAGGTCAGAA
AGTAAAAATTAAGGAAAAGAGAACAAGGCGAGTGGTACACCATCCCCAAAACGAACATCTGTAGGCTCC
AGGCCACCAGCAGTAAGAGGCGAGTAGAGATCGTTTTACTGGAGAATCATAACAGTGTGGGAGACACT
GCTATTGAAAGTGGACAACATTATTGGGAGGTCAAGGCCGAGAAGGATTGAAAACCTACAGTGTGGGA
GTAGCATACAAAACGTTGGGAAAATTTGACCAATTGGGAAAGACAACACTAGTTGGTGTATCCATGTC
AACCACTGGCTACAAAACACATTTGCAGCAAAGCATAATAATAAGTCAAAGCTTTGGATTTACTGTT
CCTGAAAAAATAGGTGTATTTTGTATTTGATGGGGTCAACTTTCATTCTATGATGCAAAATCTAAA
CAGTTGCTATATTCCTTTAAGACAAAATTTACTCAGCCAGTACTACCTGGTTTCATGGTATGGTGTGGT
GGACTTCTTTGAGTACTGGGATGCAGGTTCCAAGTGTGTGAGAACACTTCAGAAAAGTAAAAATGGA
ATGACTGGTTCAGCTAGCAGCCTGAACAATGTTGTTACTCAA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238569
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MDSQKEALQRIISTLANKNDEIQNFIDTLHHTLKGVESSNILSELDEEFDSL YSILDEVKESMINCI
KQEQARKSQELQSQISQCNNALENSEELLEAFATRSLDIKEPEEFKAARQIKDRVTMASAFRLSLKPKV
SDNMTHLMVDFSQERQMLQTLKFLPVPKAPIDPVECLVADNSVTVAWRMPEEDNKIDHF ILEHRKTNF
DGLPRVKDERCWEIIDNIKGTEYTL SGLKFD SKYMNFRVRACNKAVAGEYSDPVTLETALNFNLDNSS
SHLNLKVEDTCVEWDPTGGKGQESKIKGKENKGSSTPSPKRTSVGSRPPAVRGSRDRTGESYTVLGD
ATESGQHYWEVKAQKDKSYSVGVAYKTLGKFDQLGKTNTSWCIHVNNWLQNTFAAKHNNKVKALDVT
PEKIGVFCDFDGGQLSFYDANSKQLLYSFKTKFTQPVLPGFMVWCGGLSLSTGMQVPSAVRTLQKSENG
MTGSASSLNNVVTQ
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001287192

ORF Size: 1491 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_001287192.2](#)

RefSeq Size: 7651 bp

RefSeq ORF: 1494 bp

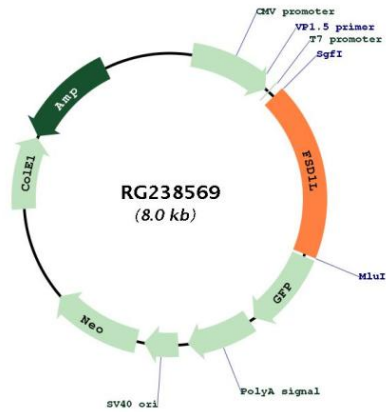
Locus ID: 83856

UniProt ID: [Q9BXM9](#)

Cytogenetics: 9q31.2

MW: 56.3 kDa

Product images:



Circular map for RG238569