

## Product datasheet for **RG213672**

### **FSD1L (NM\_207647) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FSD1L (NM_207647) 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:**

>RG213672 representing NM\_207647  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACTCCCAGAAAGAAGCTCTACAGAGGATCATTTCAACTCTGGCAAATAAAAATGATGAAATTCAGA  
 ACTTTATTGATACACTACATCATACACTAAAAGGAGTTCAGGAAAATTCGTCCAACATACTCTCAGAGTT  
 AGATGAAGAATTTGATAGTTTATACTCTATACTGGATGAAGTAAAAAGAAAGTATGATTAAGTGTATCAAG  
 CAGGAACAAGCTCGTAAATCCCAAGAGTTACAGAGTCAGATTAGTCAATGTAATAATGCCCTGGAGAACT  
 CTGAAGAATAATTAGAATTTGCAACAAGGTCATTAGATATAAAGGAACCTGAAGAATTTTCAAAGGCTGC  
 CAGACAGATCAAGGATAGAGTCACAATGGCTTCAGCCTTTCGCCTTCTTTGAAACCAAAGGTCAGTGAC  
 AACATGACTCATTTAATGGTGGATTTCTCACAGGAAAGACAGATGCTGCAAACCTTGAAGTTTTTGGCAG  
 TCCCCAAAGCTCCAGAGATAGATCCAGTAGAGTGTGGTGGCAGATAACTCTGTAAACAGTGGCTTGGAG  
 AATGCCAGAAGAAGATAATAAGATTGACCATTTATACTGGAACATAGGAAGACTAATTTTGTGGACTT  
 CCACGTGTAAAGGATGAGCGATGCTGGGAGATAATTGATAATATTAAGGGTACTGAATATACACTATCAG  
 GCTTAAAATTTGATTTCAAGTATATGAATTTTCAAGTGGAGCTTGTAAACAAGGCTGTGGCTGGAGAGTA  
 TTCTGTCCAGTACTCTAGAGACCAAAGCACTTAACTTCAATTTGGATAACTCCTCATCCCATTTGAAC  
 CTGAAAGTTGAAGATACATGTGTAGAGTGGGATCCTACTGGAGGAAAAGTCAAGAAAGTAAAATTAAG  
 GAAAAGAGAACAAGGGCAGAAGTGGTACACCATCCCCAAAACGAACATCTGTAGGCTCCAGGCCACCAGC  
 AGTAAGAGGCAGTAGAGATCGTTTTACTGGAGAATCATACACAGTGTGGGAGACACTGCTATTGAAAGT  
 GGACAACATTATTGGGAGGTCAAGGCCAGAAGGATTGTAATCTACAGTGTGGGAGTAGCATAACAAAA  
 CGTTGGGAAAATTTGACCAATTTGGGAAAAGACAAACACTAGTTGGTGTATCCATGTCAACAACCTGGTACA  
 AAACACATTTGCAGCAAAGCATAATAATAAAGTCAAAGCTTTGGATGTTACTGTTCTGAAAAAATAGGT  
 GTATTTGTGATTTTGTGGGGTCAACTTTCATTCTATGATGCAAATCTAAACAGTTGCTATATTCCT  
 TTAAGACAAAATTTACTCAGCCAGTACTACCTGGTTTCATGGTATGGTGTGGTGGACTTTCTTTGAGTAC  
 TGGGATGCAGGTTCCAAGTGTGTGAGAACACTTCAGAAAAGTAAAAATGGAATGACTGGTTCAGCTAGC  
 AGCCTGAACAATGTTGTTACTCAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG213672 representing NM\_207647  
 Red=Cloning site Green=Tags(s)

MDSQKEALQRIISTLANKNDEIQNFIDTLHHTLKGQVENSNILSELDEEFDSLVSILDEVKESMINCIK  
 QEQARKSQELQSQISQCNNALENSEELLEFATRSLDIKEPEEFSKAARQIKDRVTMASAFRLSLKPKVSD  
 NMTHLMVDFSQERQMLQLKFLPVPKAPIDPVECLVADNSVTVAWRMPEEDNKIDHFILHRKTNFDGL  
 PRVKDERCWEIIDNIKGEYTLKSLKFDKSKYMNFRVRACNKAVAGEYSDPVTLETALNFNLDNSSSHLN  
 LKVEDTCVEWDPTGGKGQESKIKGKENGKRSRTPSPKRTSVGSRPPAVRGSRRDRFTGESYTVLGDIAIES  
 GQHYWEVKAQKDCSYSVGVAYKTLGKFDQLGKTNTSWCIHVNWLQNTFAAKHNNKVKALDVTVPKIG  
 VFCDFDGGQLSFYDANSKQLLYSFKTKFTQPVLPFGFMVWCGGLSLSTGMQVPSAVRTLQKSENGMTGSAS  
 SLNNVVTQ

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_207647

**ORF Size:** 1494 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_207647.2](#), [NP\\_997530.2](#)

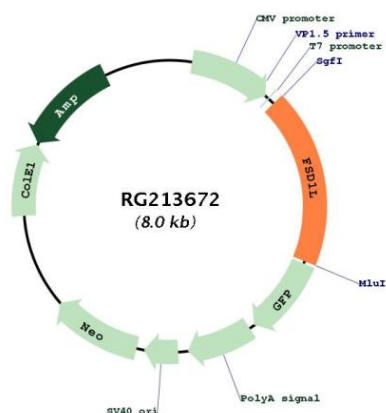
**RefSeq Size:** 4310 bp

**RefSeq ORF:** 1496 bp

**Locus ID:** 83856

**Cytogenetics:** 9q31.2

Product images:



Circular map for RG213672