

Product datasheet for **MR225942**

Fsd1l (NM_001195284) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fsd1l (NM_001195284) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fsd1l
Synonyms:	A230072O16Rik; Ccdc10; Csdufd1; Fsd1nl; OTTMUSG00000007002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225942 representing NM_001195284
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACTCGCAGAAAGAAGCTCTACAAAGAATCATTTCAACTCTGGCAAATAAGAGTGATGAGATTCAGA
 ACTTCATTGATACACTAAATCACACACTGAAAGGAGTTCAGGAAAATTCTTCCAACATCCTTTCAGAGTT
 GGATGAAGAATTTGATAGCTTGTACTCTATATTGGATGATGTAAGGAAAAGCATGATTAGCACCATCAAG
 CAGGAGCAAGTGCCAAGTCCCAGGAGTACAGAGTCAGCTCAGTCAATGTAACAATGCCCTGGAGAACT
 CTGAGGAACTACTAGAATTTGCAACAAGGTCATTAGATATTAAGAACCAGGAAAGATTTTCAAAGGCTGC
 CAGACAGATCAAGGATAGAGTCACAATGGCTTCAGCCTTTCGTCTTTCTTTGAAACCAAAAGTCAGTGAC
 AACATGACCCATTAATGGTGGACTTCTCTCAGGAAAGGCAGATGCTGCAAACCTTTGAAGTTTTTGGCAG
 TCCCAAAGCTCCAGAGATTGACCCAGTAGAGTGTGGTAGCTGACAACTCTGTAAGTGTAGCTGGAG
 AATGCCTGAAGAAGATAATAAAATCGACATTTTATAATGGAATACAGGAAAACGAACTTTGATGGACTC
 CCACGTGTTAAGGATGAGCGATGTTGGGAGGTGATTGATAATATCAAGGGCACTGAATATACATTATCAG
 GCTTAAAATTTGATTCAAGTATATGAATTTCCGAGTGAGAGCATGCAACAAAGCTGTGGCTGGAGACTA
 CTCTGACCCAGTGACCCTAGAGACCAGAGCACTTAACTTCAGTCTAGATAACTCATCATCCATTTGAAT
 TTGAAAGTTGAAGATTCCTGTGTAGAATGGGACCCCACTGGAGGAAAAGGCCAAGAAAGTAAATCAAAG
 GGAAGGAGAACAAGGCGAGAAGTGGTACTCCATCCCCAAAACGGACGCTGTAGGCTCCAGGCCACCAGC
 AGTAAGAGGCAGCAGAGACCGTTTTACTGGGGAGTCATACACAGTGTAGGAGACTGCTATTGAAAAT
 GGACAACATTATTGGGAAGTAAAGGCCAGAAGGATTGTAATCCTATAGTGTGGGTGTAGCATATAAAA
 CTTTAGGAAAATTTGATCAGTTAGGAAAGACAAATACTAGTTGGTGCCTCACGTCAACAGCTGGTTACA
 GAACACATTTGCAGCCAAGCATAATAAAGGTGAAAGCTTTGGATGTTCTCTGTTCTGAGAAAATAGGT
 GTGTTTTGTGACTTTGATGGGGTCAGCTTTCATTTTATGATGCACACTCAAAGCAGTTGCTGTATTCTT
 TCAAGACAAAATTTACTCAGCCAGTAGTACCTGGTTTCATGGTGTGGTGTGGTGGACTTTCTTTGAGTAC
 TGGAATGCAGGTTCCAAGTGTGTGAGAACACTTCAGAAAAGTAAAACGGAATGACTGGTTCAACTAGC
 AGCCTGAACAATGTCACTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225942 representing NM_001195284
 Red=Cloning site Green=Tags(s)

MDSQKEALQRIISTLANKSDEIQNFIDTLNHTLKGVDQENSSNILSELDEEFDLSYLDDVKESMISTIK
 QEQVRKSQELQSQLSQCNNALENSEELLEAFATRSLDIKEPEEFKAARQIKDRVTMASAFRLSLKPKVSD
 NMTHLMVDFSQERQMLQTLKFLPVPKAPIDPVECLVADNSVTVAWRMPEEDNKIDHFIMEYRKTNFDGL
 PRVKDERCWEVIDNIKGEYTL SGLKFD SKYMNFRVRACNKAVAGDYSDPVTLETRALNFSLDNSSSHLN
 LKVEDSCVEWDPTGGKGQESKIKGKENGKRSRGTSPKRTSVGSRPPAVRGSRRDFTGESYTVLGDIAIEN
 GQHYWEVKAQKDCSYSVGVAYKTLGKFDQLGKTNTSWCVHNSWLQNTFAAKHNNKVKALDVPVPEKIG
 VFCDFDGGQLSFYDAHSKQLLYSFKTKFTQPVVPGFMVWCGGLSLSTGMQVPSAVRTLQKSENGMTGSTS
 SLNNVTQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001195284

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).

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_001195284.1](#), [NP_001182213.1](#)

RefSeq Size: 7491 bp

RefSeq ORF: 1494 bp

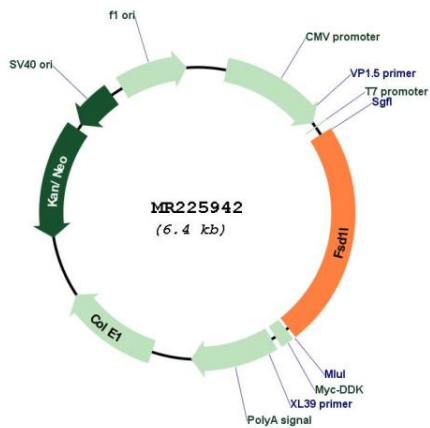
Locus ID: 319636

UniProt ID: [Q8BYN5](#)

Cytogenetics: 4 B2

MW: 56.3 kDa

Product images:



Circular map for MR225942