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Product datasheet for SC337256

FSD2 (NM_001281806) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FSD2 (NM_001281806) Human Untagged Clone
Tag:	Tag Free
Symbol:	FSD2
Synonyms:	SPRYD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001281806, the custom clone sequence may differ by one or more nucleotides

ATGGAGGAGGAATCGGGGGAGGAACTGGGGCTGGACAGGTCTACTCCCAAGGATTTCCACTTTTACCACA
TGGACCTGTATGACTCTGAAGACAGACTGCACCTCTTTCCAGAAGAGAACACTAGGATGAGGAAAGTAGT
CCAAGCTGAAATGGCCAATGAGTCAAGAGGAGCAGGGGATGGTAAGGCTCAAAGAGACCTTCAAGAGGAA
GTGGATGAACTTGTCCACTTATATGGACTTGAAGATGATCATGAATTAGGGGATGAGTTTGTTGATGAAA
ACATACCCAGAACAGGGGTTTCAGAATATCCTCCTTATATGATGAAGAGGAGAGACCCAGCCAGGGAGCA
GAGAGACTGGAGACTTAGTGGAGAGGCAGCGGAGGCCGAGGACCTGGGCTTCGGAGGGTGGGGCTCAGCA
GGCCAGTGCCAGGACTTGCGGGAAGCCTATAGGTACACACACGGCCGTGCCAGCGAGGAGTATGAATGCT
ATGTCATCCCCGAGGAAGAGGATGAAGAAGAAGCTGCTGATGTCTTCTGTGTCACTTGTAAGACTCCAAT
AAGAGCTTTTCAGAAGGTTTTTGATGAACATAAGGAGCATGAAGTGATCCCACTCAATGAAGCACTGGAA
AGTGCCAAGGATGAAATTCACAAAAACATGTACAAATTGGAAAAGCAGATAATTGAGATGGAAAACTTTG
CAAATCATTTGGAGGAGGTTTTCATCACTGTGGAGGAGAATTTTGGAAAACAAGAACAAAACTTTGAGTC
ACATTACAACGAGATCTTGGAAACACTTGCTCAAAAATATGAGGAAAAAATACAAGCTCTAGGGGAGAAA
AAGAAAGAGAAGCTGGAAGCCTTATATGGACAACTGGTCAGCTGTGGAGAAAACCTAGATACTTGCAAAG
AACTGATGGAAACAATAGAGGAGATGTGTCACGAGGAGAAGGTGGATTTCATAAAGGATGCAGTGGCTAT
GGCTGACAGACTCGGGAAATTCCTGAAAACAAAAACAGACGTGGAAATCTCTGCACAGCCTGAGTTTGAA
GACCAGACCTTGGATTTCTCTGATGTGGAGCAGCTGATGGGCTCCATTAACACCATTCCAGCTCCTTCTG
CTCCAGTCATAAATCCACAGGTCCCTAACTCAGCCACAGGTTCCTCAGTCCGAGTGTGCTGGAGCTTATA
CTCCGACGACACTGTGGAGAGCTATCAGCTGTCCTACCGGCCAGTGCAGGACAGCTCACCTGGGACGGAC
CAAGCAGCACCTTCTCCCCCCATTATTAAAACCAAAGAGATAAGGAGCTGTGAAGAGGCTGTGCTGATTT
GCTGGGAGTCTGGGAACCTGAATCCTGTGGACTCGTACACTGTGGAGCTGACCCAGGCTGAAAGTCCAGA
AGCCTCGGGTGTAACTGAGTCTGTTGTGGGCATCCCGACCTGCGAGTCCGTGGTGCAGCTGCAGCCGGGG
CGGAGCTACATTATCTATGTGCGAGCCCTCAATATGGGGGGCCCCAGCGTGAGGAGCGAGCCAGCTACAG
TCCACACCATAGGAAGCTACTTTCGCCTAAACAAGGACACTTGCCATCCCTGGCTGACCATTTCTGAAGA
CGGACTTACGGCTGTACGAAGTGAAAGGAGAACCCCCGCCAGGGAGCTGTCACCCAGCGACACTCACTTC
ACCAGGTGTGTTGCTGTCATGGGAAATCTAATTCCAGTCCGAGGGCACCATTACTGGGAGGTGGAGGTGG
ATGAGCATTTGGACTACAGAGTTGGTGTGGCCTTTGCAGATGTCCGTAAACAGGAGGATCTGGGAGCAAA
TTGCCTCTCCTGGTGCATGAGGCACACATTTGCATCATCAAGGCATAAGTATGAATTTCTGCACAACAGA
ACAACTCCAGATATAAGAATAACAGTTCCACCAAAGAAGATTGGCATTCTATTAGACTATGAACATTCAA
AGTTGTCATTTTTCAATGTGGACCTTTCTCAGCATCTATATACATTTAGTTGTCAGCTTCACGAATTTGT
GCATCCCTGTTTTTCTTTGGAAAAGCCTGGGTGTCTAAAGGTACATAATGGCATTTCAATGCCAAAACAT
GTCACTTTCTATTAG

Restriction Sites: SgfI-MluI

ACCN: NM_001281806

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001281806.1, NP_001268735.1
RefSeq Size:	6301 bp
RefSeq ORF:	2115 bp
Locus ID:	123722
UniProt ID:	A1L4K1
Cytogenetics:	15q25.2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a protein that belongs to the FN3/SPRY family of proteins. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013] Transcript Variant: This variant (3) lacks an in-frame exon compared to variant 1. The encoded isoform (b) is shorter than isoform a. Variants 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.