

Product datasheet for **SC329092**

DPY19L3 (NM_001172774) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPY19L3 (NM_001172774) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPY19L3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001172774, the custom clone sequence may differ by one or more nucleotides <pre> ATGATGTCCATCCGGCAAAGAAGAGAAATAAGAGCCACAGAAGTTTCTGAAGACTTTCCA GCCCAAGAAGAAAATGTGAAGTTGGAATAAATTGCCATCTGGTTGTACCAGTAGAAGA TTATGGAAGATTTTGTCAATTGACAATTGGTGAACCATGGCCCTTGCATTGGACTTCTT ACATCTGTCTACCTTGCCACGTTACATGAAAATGATTTATGGTTTTCTAATATTAAGGAA GTGGAGCGAGAAATCTCATTGAGAACAGAGTGTGGCCTGTATTACTCCTACTACAAGCAG ATGCTGCAGGCTCCAACCTCGTGCAAGGTTTTTCATGGCCTAATATATGATAATAAAACT GAATCTATGAAGACAATTAACCTCCTTCAGCGAATGAATATTTACCAAGAGGTTTTTCTC AGTATTTTATATAGATTCTACCCATACAGAAATATTTAGAGCCAGTTTATTTTATATT TACACCTTATTTGGGCTCCAGGCGATCTATGTCACAGCTCTCTACATAACCAGCTGGCTA CTCAGTGGTACATGGCTGTCAGGACTGTTGGCAGCTTTCTGGTATGTCACAAATAGAATA GATACCACAAGAGTTGAGTTTACCATCCCACTGAGGGAGAACTGGGCGCTGCCATTCTTT GCAATTCAGATAGCAGCAATTACATATTTCTGAGACCAAACCTACAGCCTCTTTCTGAA AGGCTGACACTTCTTGCCATTTTCATATCAACTTTTCTCTTTAGTCTGACATGGCAATTT AATCAATTTATGATGCTGATGCAAGCATTAGTGCTGTTACACTGGACTCCCTGGACATG CTGCCAGCAGTGAAGGCGACATGGCTGTATGGAATACAGATAACAAGTTTACTCCTGGTC TGCATTCTTCAGTTTTTAATCCATGATTCTTGGATCACTGCTTATCAGTTTTAACCTT TCAGTATTCATTGCAAGAAAACCTCAGAAAAATCTGAAAACCTGGAAGCTTCCTTAATAGG CTTGGGAAACTTTTGTTACATTTATTTATGGTTTTATGTTTGACACTTTTTCTCAACAAC ATAATTAAGAAAATCTTAACCTGAAGTCAGATGAACACATATTTAAATTTCTGAAGGCA AAATTTGGGCTTGAGCAACAAGGATTTTGATGCAATCTCTATCTGTGTGAAGAAGCT TTTGGCCTCCTGCCTTTTAATACATTTGGAAGGCTTTCAGATACTCTGCTTTTTTATGCT TACATATTTCGTTCTGTCCATCACAGTGATTGTAGCATTGTTGTTGCCTTTCATAATCTC AGTGATTCTACAAATCAACAATCCGTGGGTAAAAATGAAAAAGGCACAGTTGACCTGAAA CCAGAACTGCCTACAACCTAATACATACCATTCTGTTTGGATTCTTGGCATTGAGTACA ATGAGAATGAAGTACCTCTGGACGTCACACATGTGTGTGTTGCGCATTCGCGCTATGT AGCCCTGAAATATGGGAGTTACTTCTGAAGTCAGTCCATCTTTATAACCCAAAGAGGATA TGTATAATGCGATATTCAGTACCGATATTAATACTGCTGTATCTATGCTATAAGTTCTGG CCAGGAATGATGGATGAAGTCTCCGAGTTGAGAGAATTCTATGATCCAGATACAGTGGAG CTGATGAAGTGGATTAAGTCTAACACTCCAAGAAAGGCTGTGTTGCGGGAAGCATGCAG TTGCTGGCCGGAGTCAAGCTGTGCACGGGAAGGACCCTAACCAACCAACCCGCACTATGAA GACAGCAGCCTGAGAGAGCGGACCAGAGCGGTTTATCAGATATATGCCAAGAGGGACCA GAGGAAGTGATGCCCTCCTAAGGTCTTCGGCACTGACTACGTAATCCTGGAAGACAGC ATCTGCTACGAGCGGAGGACCGCGGGGCTGCCGACTCCGGGACCTGCTGGACATTGCC AACGGCCACATGATGGATGGCCAGGAGAGAATGATCCTGATTTGAAACCTGCAGACCAC CCTCGCTTCTGTGAAGAGATCAAAAGAACCTGCCTCCCTACGTGGCCTACTTCACCAGA GTGTTCCAGAACAAAACCTTCCACGTTTACAAGCTGTCCAGAAACAAGTAG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001172774
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001172774.1, NP_001166245.1</u>
RefSeq Size:	6018 bp
RefSeq ORF:	2151 bp
Locus ID:	147991
UniProt ID:	<u>Q6ZPD9</u>
Cytogenetics:	19q13.11
Protein Families:	Transmembrane
Gene Summary:	Probable C-mannosyltransferase that mediates C-mannosylation of tryptophan residues on target proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents use of an alternate promoter and 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform.