

Product datasheet for **SC107332**

DPY19L4 (NM_181787) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPY19L4 (NM_181787) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPY19L4
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_181787, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGAGGAAGAAGGACCACCTGTAGAGCTGCGCCAAAGAAAAAGCCAAAGTCTTCAGAAAATAAGG
AATCTGCCAAAGAAGAGAAAATCAGTGACATTCCAATTCCTGAAAGAGCTCCAAAACATGTATTATTTCA
ACGCTTTGCAAAGATTTTCATTGGCTGTCTTGACGCGTTACTAGTGGTATGATGTATGCTCTCTACTTA
TCAGCATACCATGAACGGAAATTCCTGGTTTTCCACAGGCAGGAGCTTGAACGGGAAATCACGTTTCAGG
GTGACAGTGCCATTTATTACTCCTATTATAAAGATATGTTAAAGGCACCTTCATTTGAAAGAGGTGTTTA
CGAACTGACACACAATAACAAAACCTGTATCTCTGAAGACTATAAATGCAGTGCAGCAAAATGTCTCTGTAT
CCGGAACCTATTGCTAGCATTATATCAAGCCACTGGTAGCAATGAGATTATTGAGCCAGTGTATTTCT
ATATTGGCATTGTTTTGGATTGCAAGGAATATATGTTACTGCTTTATTTGTTACAAGTTGGCTTATGAG
TGGAACATGGCTAGCAGGAATGCTTACTGTTGCGTGGTTCGTTATTAACAGGGTAGATACAACAAGAATT
GAATACTCCATTCCTTTAAGAGAAAACCTGGGCACTACCATATTTTGCATGCCAAATGCTGCACTTACAG
GCTATTTAAAAAGCAACTTAAATACTTATGGAGAGAGTTTTGCTACTTGTGATGAGTGTCTCAACTTA
CACATTTATGATGATGTGGGAGTATAGCCACTATCTCCTGTTTCTTCAAGCAATATCTCTATTCCCTGCTA
GATACCTTTTCAGTGGAGCAAAGTGACAAGTTTTATGAAGTTTATAAAATCTACATATTTCCCTCTTTTC
TGGGATATTTACTACAGTTTGAGAAATCCAGCTTTGTTGGTATCTCCTTTATTAAGTTTAGTAGCAGCCTT
AATGCTTGCTAAGTGCCTCAGCTGAATGTGAAGAAAGGAAGTTTTGTAGCTAAAATAATAAAAGTGATT
AATTTTTACTTGGTGTGTACTCTGACAATAACATTGAATATTATAATGAAGATGTTTGTCCCACACAAAAG
AAAATGGGCACATGCTGAAATTCCTTGAAGTAAAATTTGGACTAAATATGACCAAGAATTTTACAATGAA
TTGGCTCCTCTGTCAAGAATCCCTGCAGGCACCATCTCAAGATTTTTTCTGCGATTGACACAGTCTTCT
TTATTACCTTTCTACATTCTAGTGTTAATTTATTTGTTTTCTTTCTATGTTGCAAGTATTTTTAGGAGGA
TTAATGGTAAGTCCCTGAAGGAAACTGTTACTCTTGAAGATGGACGAATTGGAGAAAGACCAGAAAATAAT
TTATCATGTAATTCACACTATTTTATTGGTCTCTTGAATGGTTATAGAAGGCTTGAAGTACATCTGG
ATTCTTATGTGTGCATGTTAGCAGCATTGGTGTATGTTCTCCCGAACTTTGGATGACACTTTTCAAGT
GGCTTCGATTAAGAAGTGTACACCCAATATTGTTGGCTCTTATTCTGAGCATGGCCGTGCCTACTATAAT
AGGTCTCAGCTTATGAAAGAGTTTTTCCAGATTAATGACAGAATTAATGGAACACAGGAATTCTAT
GACCCAGATACAGTGGAACCTTATGACCTGGATAAAAAGGCAAGCTCCAGTTGCAGCTGTGTTGCAGGGA
GTCCACAGTTAATGGGTGCGATTAATATGCACTGGATGGATGGTGAAGTTTGCCTCTTACAATGA
TGATGATCTTCTCAAGAGAAATGAAAATATCTACCAAATCTATTCAAAGCGATCTGCTGAGGATATTTAT
AAAATACTGACATCTTACAAAGCTAATTACCTAATTGTAGAGGATGCTATCTGCAATGAGGTGGGACCCA
TGAGAGGCTGTAGGGTTAAAGATTTATTAGACATTGCAAATGGCCACATGGTTTGTGAAGAAGGTGACAA
GCTAACCTACTCAAAATATGGGCGATTTGTGATGAGGTCAAATTAAGTATTCTCCATATGTGAATTAT
TTCAGTAGAGTACTGGAACAGATCCTACTTTGTATATAAAATCAACACTGTGATATCCTTCCAGTCTT
GA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_181787 unedited TTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGCGGGAGCCGCAGGCGCC CTAGCCTTCGCAGAACGATGGCGGAGGAAGAAGGACCACCTGTAGAGCTGCGCCAAGAA AAAAGCCAAAGTCTTCAGAAAATAAGGAATCTGCCAAAGAAGAGAAAAATCAGTGACATTC CAATTCCTGAAAGAGCTCCAAAACATGTATTATTTCAACGCTTTGCAAAGATTTTCATTG GCTGTCTTGCAGCGGTTACTAGTGGTATGATGTATGCTCTCTACTTATCAGCATAACCATG AACGGAATTTCTGGTTTTCCAACAGGCAGGAGCTTGAACGGGAAATCACGTTTCAGGGTG ACAGTGCCATTTATTACTCTATTATAAAGATATGTTAAAGGCACCTTCATTTGAAAGAG GTGTTTACGAACTGACACACAATAACAAAACACTGTATCTCTGAAGACTATAAATGCAGTGC AGCAAATGTCTCTGTATCCGGAACCTTATTGCTAGCATTATATCAAGCCACTGGTAGCA ATGAGATTATTGAGCCAGTGTATTTCTATATTGGCATTGCTTTTGGATTGCAAGGAATAT ATGTTACTGCTTTATTTGTTACAAGTTGGCTTATGAGTGAACATGGCTAGCAGGAATGC TTACTGTTGCGTGGCTCGTTATTACAGGGTAGATACAACAAGAATTGAATACTCCATTCC TTTAAGAGAAAACCTGGGCACTACCATATNTGCATGCCAAATTGCTGCATTACAGGCTA TTTAAAAAGCACTTAAATACTTATGGAGAGAGGTTTTGCTACTTGNTGATGAGTGCCTCC ACCTACACATTTATGATGATGTGGGAGTATAACCCCTATCT
Restriction Sites:	NotI-NotI
ACCN:	NM_181787
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:	<ol style="list-style-type: none"> 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_181787.1 , NP_861452.1
RefSeq Size:	4204 bp
RefSeq ORF:	2172 bp
Locus ID:	286148
UniProt ID:	Q7Z388
Cytogenetics:	8q22.1
Protein Families:	Transmembrane
Gene Summary:	Probable C-mannosyltransferase that mediates C-mannosylation of tryptophan residues on target proteins.[UniProtKB/Swiss-Prot Function]