

Product datasheet for **MC221047**

Dpy19I3 (NM_178704) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpy19I3 (NM_178704) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpy19I3
Synonyms:	6030410G08; 9330164H19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221047 representing NM_178704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTACATCCGGCAAAGAAAAGAGACAAAACCCATAGAAGTTTCTGAGGATTTCCATCACAAAAG
 AAGATGTGAAGTTGGAAGAAAATTGCCATCTGGTTGTGCCTCTGGAAGTTCTGGAAGATCCTGTCATC
 CGCAGTTGGCGGAAGTGTGGCTCTTTGCATTGGACTTCTTACATCCGTTTACCTGCCACCCTGCATGAG
 AACGATTTGTGGTTTTCCAATTAAGGAAGTAGAGCGAGAGATCTCATTAGGACGGAATGTGGACTGT
 ACTATTCTTACTACAAGCAGATGCTGCAGGCTCCGACCCTCTGCAAGGTTTCCATGGCTTAATCTATGA
 CAATAAACTGAATCCATGAGGACGATCAACCTCCTTCAACGGATGAACATTTACCAAGAAGTTTTTCTC
 AGTGTATATAGAGTTCTCCCATACAGAAATCTAGAACCTGTTTATTTTTATATCTACACTCTGT
 TCGGGCTCCAAGCAGTCTATGTCACGGCCCTTATATAACCAGCTGGCTCCTTAGTGGCACCTGGCTGTC
 GGGACTGTTGGCAGCCCTCTGGTACGTACCAACAGAATAGACACCACAAGAGTCGAGTTTACCATCCCG
 CTGAGGGAGAAGTGGGCTCTGCCTTTTTTGAATTCAGATTGCAGCAATTACCTACTTCTGAGACCAA
 ATTTACAGCCTCTTTCTGAAAGGCTGACACTTCTTGCCATTTTCGTATCAACTTTTCTTTAGCCTGAC
 ATGGCAATTTAACAGTTCATGATGCTGCTGCAGGCACTGGTGTCTTTCATCCTGGACTCCCTGGACATG
 CTGCCGGCCATGAAGGCCACCTGGCTGTACGGGATACAGATAAGCTGCCTGCTCCTCGTCTGCACGCTTC
 AGTTCTTTAACTCCATGATTCTGGGATCGTTGCTCATCAGTTTTAACCTTTCAGTATTAATTGTAAGAAA
 ACTTCAGAAAACTGAAGACTGGATCCTTCTGACTAGAATTTGGAACTACTGTTGCATTTGCTTCTA
 GTTTTTCTGTTGACACTTTTTCTCAACAACATTATTAAGAAAGTCTTAACTGAAGTCAGATGAACACA
 TCTTTAAATTTCTGAAGGCCAAATTTGGGTTTGGAGCAACAAGGGATTTTCGATGCAAAATCTATCTGTG
 TGAGGAGGCCCTTCGGCCTCTGCCTCTCAACACGTTCCAGAGGCTCTCGGAGACACTGCTTTTTTACGCA
 TACATGTTTGTCTCGTGGTACAGTGGTTACAGCATCCGTTGTAGCCTTTCATAATCTCAGTGATTCCA
 CAAGTCTGAAGTCCATGGATCAGACAAGAAAGCGTGTCTTGTGACCTGAAGCCAGAAGCTGCGTACAACCT
 GATCCATACCATCTGTTTCGGGGTCTTGGCGTTGAGTACGATGAGGATGAAGTACCTGTGGACCTCCAC
 ATGTGTGTGTTTCGGCTCTTGGCCTGTGCAGCTCTGAAGTCTGGGAAGTCTACTGAGGCTGGTTCATC
 TCTGTAACCCAAAGCGGATCTGGGCTCTGCGCTACCTGGTGCCGTTCTCACCTGCTGTACCTGTGCTA
 TAAGTCTGGCCAGGAGTATGGATGAAGTCTCGGAGCTGAAAGAATTCTACGACCCGGATACAGTGGAG
 CTGATGACCTGGATTAAGTCTAACACACCAAGGAAGGCTGTGTTGCTGGAAGCATGCAGTTGCTGGCTG
 GAGTCAAGCTGTGCACAGGACGGACCCTAACCAACCACCCACACTATGAAGATAAAAGTCTGAGAGAGCG
 GACCCAGGCGGTTTATCAGATCTATGCGAAGAGGTCGCCAGAGGAAGTGCACGCACTGCTGAGGTCCTTT
 GGCAGTACTTTCGTGATCCTGGAGGACAGCATCTGCTACGAACGCAGGCACCACAGGGGCTGCCGGCTGC
 GCGACTTGTGGATGTGGCCAACGGACATGAAATGGATGGGCCAGGAGAGAGTACCCCTGACTTGAGACC
 TGCAGACCACCTCGCTTCTGTGAAGAGATTAAGGAACCTGCCCTCCTATGCAGCCACTTCACTAGA
 GTATTCAGAACAAGACATTCATGTCTACAAGCTGTCCAGAAACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178704
Insert Size: 2151 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_178704.3 , NP_848819.2
RefSeq Size:	7671 bp
RefSeq ORF:	2151 bp
Locus ID:	233115
UniProt ID:	Q71B07
Cytogenetics:	7 B2
Gene Summary:	Probable C-mannosyltransferase that mediates C-mannosylation of tryptophan residues on target proteins.[UniProtKB/Swiss-Prot Function]