

Product datasheet for **MC200330**

Dpagt1 (BC003943) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dpagt1 (BC003943) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dpagt1
Synonyms: AU021132; Dpagt2; Gnpta; GPT
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003943
 GCTCAGCCAGCAGCAGATCCCAGAGTCCCAGGGAGTGATCAGCGGTGCTGTTTTCCCTTATCATCCTCTTC
 TGCTTCATCCCTTCCCCTTCCGAACTGCTTCGTGGAGGAGCAGTGAAGGCATCCCCACCATGAAT
 TTGTGGCCCTAATAGGTGCCCTCCTTGCCATCTGCTGCATGATCTTCTGGGGTTTGCTGATGATGCTCT
 CAATCTCCGCTGGCGCCACAAGCTGCTGCTGCCACAGCTGCCTCACTACCTCTCCTCATGGTCTACTTC
 ACAAACTTTGGCAATAACAACATCGTGGTGCCCAAGCCCTCCGCTGGATTCTGGGCCTGCATTTGGACT
 TGGGGATCCTGTACTACGTCTACATGGGGCTGCTTGCACTGTTCTGTACCAATGCCATCAACATCCTGGC
 GGGCATTAAATGGCCTAGAGGCCGGTCAGTCACTAGTCACTCTGCTTCTATCATTGTCTTCAACCTGGT
 GAACTGGAAGGTGATTATCGAGATGATCATATCTTTCCCTTTACTTCATGATACCATTTTTCTTTACCA
 CCTTGGGACTGCTTACCACAACCTGGTACCCGTCCCGCTGTTTGTGGGAGACACCTTCTGTTACTTTGC
 GGGCATGACTTTTCCCGTGGTGGGGATCTTGGGACACTTCAAGACCATGCTGCTCTTCTTTATGCCA
 CAAGTATTCAATTTCTCTACTCACTGCCTCAGCTCTTCCATATCATCCCCTGCCCTCGACACCGGATGC
 CCAGACTCAACGCAAAGACAGGCAAACCTGGAAATGAGCTATTCCAAGTTCAAGACCAAGAACCTCTCTTT
 CCTGGGCACCTTTATTTAAAGGTAGCAGAGAACCTCCGGTTAGTGACAGTTCACCAAGGTGAGAGTGAG
 GACGGTGCCTTCACTGAGTGTAACAACATGACCCTCATCAACTTGCTACTTAAAGTCTTTGGGCCTATAC
 ATGAGAGAAACCTCACCTGCTCCTGCTGCTCCTGCAGGTCTAAGCAGCGCCGCCACCTTCTCCATTGC
 TTACCAACTCGTCCGACTCTTCTATGATGTCTGAGCTCCCTGACAGCTGCCCTTACCTCACAGTCTCCA
 TTGGACCTCAGCCAGGGCCAGCCTCTGTCTGGTCCGAGATGACCTCTGGTCCAGGCCTCGCTGACACTT
 TTGTTCTCAGCTTCTGCCATCTGTGACTACTGATATCCTGGATGGACACCTTGGACTTGAAGTCCGC
 TAGTTGGACTTTGCCTAGGGCTTTCATCTTGCCTTGCCTTCCCTTCTGTGCCATCTGCAGCCTCACCAG
 GTGGGCTTGTAGCCTCTATTATGCAAAATATTCGTAGCTCAGCTTTCAGAGCGCTAACTCTAAAGGAATTC
 ACCTGAGCCTTGAGAGAGAACCTGGGCTAGGGCTAGAGTTAGGGCTACATACTCCAAGGTGACCTCACAT
 TTGACTATCAAATGAAGTGTGTGATTGGGAAGCGTAGAGGCAGGGCCATGTGCTCAGAACGGTGACAAT
 AAAGGACTGCCTTTTACTTGTTCAA
 AA

Restriction Sites: RsrII-NotI



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ACCN:	BC003943
Insert Size:	906 bp
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:	BC003943 , AAH03943
RefSeq Size:	1639 bp
RefSeq ORF:	906 bp
Locus ID:	13478
Cytogenetics:	9 24.84 cM
Gene Summary:	Catalyzes the initial step of dolichol-linked oligosaccharide biosynthesis in N-linked protein glycosylation pathway: transfers GlcNAc-1-P from UDP-GlcNAc onto the carrier lipid dolichyl phosphate (P-dolichol), yielding GlcNAc-P-P-dolichol.[UniProtKB/Swiss-Prot Function]