

Product datasheet for **MC200705**

Dpagt1 (NM_007875) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpagt1 (NM_007875) 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)



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Fully Sequenced ORF: >BC010474 sequence for NM_007875
 GTTGCTTCCTAAGAGCTTCTTGCTGGTCAGGAGGGAGGGTCAGGTCTAGCGTCCTAGCTGGGTTTTGTT
 CCCGCTGGCGCCGGAATCCTCTGCGGGTTGGGAGCCGCACTGCCGGCTGCCGAGGCCACGGGATTGTTCC
 TGGCTTACCAGTTAGCTGAGTAGCGCGGGGGCGGCCACCGAGGGTCACCATGTGGGCCTTCCCGG
 AGTTGCCCTGCCGCTGCCGCTGCTGGTGAATTTATCGCGCTCGCTGTTGGGATTCGTGGCTACAGTCAC
 CCTCATCCCTGCCTTCCGTAGCCACTTTATCGCCGCGCGCCTCTGTGGCCAGGACCTCAACAAGCTCAGC
 CAGCAGCAGATCCCAGAGTCCCAGGGAGTGATCAGCGGTGCTGTTTTCTTATCATCCTCTCTGCTTCA
 TCCCTTTCCCTTCCCTGAACTGCTTCGTGGAGGAGCAGTGAAGGCATTCCCCACCATGAATTTGTGGC
 CCTAATAGGTGCCCTCCTTGCCATCTGCTGCATGATCTTCTGGGGTTTGCTGATGATGCTCCTCAATCTC
 CGCTGGCGCCACAAGCTGCTGCTGCCACAGCTGCCTCACTACCTCTCCTCATGGTCTACTTCACAACT
 TTGGCAATACAACCATCGTGGTGCCCAAGCCCTCCGCTGGATTCTGGCCTGCATTTGGACTTGGGGAT
 CCTGTACTACGTCTACATGGGGCTGCTTGCAGTGTCTGTACCAATGCCATCAACATCCTGGCGGGCATT
 AATGGCCTAGAGGCCGGTCAGTCACTAGTCATCTGCTTCTATCATTGTCTTCAACCTGGTGGAACTGG
 AAGGTGATTATCGAGATGATCATATCTTTCCCTTTACTTCATGATACCATTTTTCTTACCACCTTGGG
 ACTGCTTTACCACAAGTGGTACCCGTCCCGCTGTTTGTGGGAGACACCTTCTGTACTTTGCGGGCATG
 ACTTTTGGCGTGGTGGGGATCTTGGGACACTTCAGCAAGACCATGCTGCTTCTTTATGCCACAAGTAT
 TCAATTTCTCTACTCACTGCCTCAGCTCTTCCATATCATCCCCTGCCCTCGACACCGGATGCCAGACT
 CAACGCAAAGACAGGCAAAGTGGAAATGAGCTATTCCAAGTTCAAGACCAAGAACCTCTCTTTCTGGGC
 ACCTTTATTTAAAGGTAGCAGAGAACCTCCGGTTAGTGACAGTTCACCAAGGTGAGAGTGAGGACGGTG
 CCTTCACTGAGTGAACAACATGACCCTCATCACTTGTACTTAAAGTCTTTGGGCCTATACATGAGAG
 AAACCTCACCTGCTCCTGCTGCTCCTGCAGGTCTAAGCAGCGCCGCCACCTTCTCCATTGTTACCAA
 CTCGTCGACTCTTCTATGATGTCTGAGCTCCCTGACAGCTGCCCTTTACCTCACAGTCTCCATTTGGACC
 TCAGCCAGGACCAGCCTCTGCTGGTCCGAGATGACCCTCTGGTCCAGGCCTCGTGACACTTTTGTCT
 CAGCTTCTGCCATCTGTGACTACTGATATCCTGGATGGACACCTTGTGGACTTGAAGTCCGCTAGTTGG
 ACTTTGCCTAGGGCTTTTATCTTGCCTTCCCTTCTGTCCCATCTGCAGCCTCACAGGTGGGCT
 TGTAGCCTCTATTATGCAAATATTCGTAGCTCAGCTTTCAGAGCGCTAACTCTAAAGGAATTCACCTGAG
 CCTTGAGAGAGAACCTGGGCTAGGGCTAGAGTTAGGGCTACATACTCCAAGGTGACCTCACATTTGACTA
 TCAAATGAAGTGTGATTGGGAAGCGTAGAGGCAGGGCCATGTGCTCAGAACGGTGACAATAAAGGAC
 TGCCTTTACTTGTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007875

Insert Size: 1233 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:

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: [BC010474](#), [AAH10474](#)

RefSeq Size: 1920 bp

RefSeq ORF: 1233 bp

Locus ID: 13478

UniProt ID: [P42867](#)

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]