

Product datasheet for **RN214300**

Dpagt1 (NM_199388) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpagt1 (NM_199388) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpagt1
Synonyms:	H2afx
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214300 representing NM_199388 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGGCCTTCCCGGAGTTACCTCTGCCGCTGCCGCTGTTGGTGAATTTGATCGGATCGCTGTTGGGAT
TTGTGGCTACCGTCACCCTCATCCCTGCCTTCCGTAGCCACTTTATCGCCGCGCTCTGTGGCCAGGA
CCTCAACAAGCTCAGCCGGCAGCAGATCCAGAGTCCCAGGGAGTGATCAGCGGTGCTGTTTTCCCTATC
ATCCTCTTCTGCTTCATCCCTTTCCCTTTCCTGAACTGCTTTGTGGAGGAGCAGTGAAGGCATTCCTCC
ACCATGAATTTGTGGCCCTGATAGGTGCCCTCCTTGCTATCTGCTGCATGATCTTCTGGGTTTTGCTGA
TGACGTAATCTGCGATGGCGTCATAAGCTGCTGCTCCACAGCTGCCTCACTACCTCTCCTCATG
GTCTACTTCACTAACTTTGGCAATAACAACATTGTTGGTGGCGAAGCCCTCCGCTGGATTCTTGGCCTGC
ATTTGGATTTGGGCATCCTGTACTATGTCTACATGGGACTGCTTGCAGTGTCTGTACCAATGCCATCAA
CATCCTAGCGGAATTAATGGCCTAGAGGCTGGTCAATCACTAGTCATCTCTGCTTCTATTATTGTCTTC
AACCTGGTGGAGCTGGAAGGTGATTATCGGGACGATCATGTCTTTCCCTCACTTCATGATGCCATTTT
TTTTTACCACCTTGGGATTGCTGTACCATAACTGGTACCCGCTCAGGTGTTTGTGGGAGACACCTCTCG
TTATTTTGGCTGGCATGACCTTTGCCGTGGTGGGAATCTTGGGACACTTCAGCAAGACCATGCTGCTCTTC
TTTATGCCACAAGTATTCAATTTCTCTACTCACTGCCTCAGCTCTTTTCCAGATCATCCCCTGCCCTCGAC
ACCGTATGCCAGACTCAATACGAAGACAGGCAAACCTGGAGATGAGCTATTCCAAGTTCAAGACCAAGAG
CCTCTCTTTCTTGGGCACGTTTATTTTAAAGGTAGCAGAGAGCCTCCGGCTGGTACAGTTACCCGAGGG
GAGAGTGAGGATGGTGCCTTCACTGAGTGAACAACATGACCCTCATCACTTGTACTTAAAGTCTTTG
GGCCTACACATGAGAGAACTCACACTGTTCTGCTGCTCCTGCAGGTTCTGAGCAGCGCTGTACACCT
CTCCATTGTTACCAGCTCGTCCGACTCTTCTATGATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199388
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:	<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:	<u>NM_199388.1</u> , <u>NP_955420.1</u>
RefSeq Size:	1840 bp
RefSeq ORF:	1233 bp
Locus ID:	300668
Cytogenetics:	8q22