

Product datasheet for **RN206725**

Pald1 (NM_001034128) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pald1 (NM_001034128) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pald1
Synonyms:	Pald
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206725 representing NM_001034128
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGTACAACGGCAAGCACAGCACAGCAGACAGTCTCGGCTGGTACGTCCTTGAGGGTCTGCAGGGCA
 GTGGCAGCAGCATGGACGGCCAGCATTCTCTCGGTGTGACGTCCTTTCATGCCACAAGTTTACACAACAG
 CAAGGCCAAGTCCATCATCCCCAACAAGGTGGCCCTGTTGTGATCACGTACAACGCAAGGAAGAGTTC
 CAGATCCATGATGAGCTGCTCAAGGCCATTACAGGATGGGCCGGCTCTCAGATGCCACACCTGAGCACT
 ACCTGGTGCGAGGGTCGTAATTTCTGGTGGTGTGTCACCAAGAAGATGGACCTGCTGGGTACCTTGGG
 GAGCTGTGGGGCTCCTAATTCGACAGGTTGGGGTGGGCTCCCTGTGTTTGGCATGGGACAGCCAGC
 CTCTTGGGGTTCAGGAGGGTCTGCAGAACTCCAGAAGGATGCGATCAAGGAGTGCATCATCTTCTGTG
 TACGGGAGGAGCTGTGCTGTTCTTGCCTGCTGAGGAGGACTTTGTGCTACACACCTCGAGACAAGGA
 GAGCCTTCATGAGAACCTCAGGAGCCTGGGCCGGGGTCAAGGCTGAGAATCTGGAGCTGGCCATCCGG
 AAAGAGATCCATGACTTTGCCCAACTGAGAGAGAAGCTGTACCACGTGTATCACAAACAGAGGACCTGC
 ATGGGGAGCCGCACACGGTGGCCATCCGAGGTGAGGATGATGTGCACGTGACCGAGGAGGTGTTAAGCG
 GCCGCTGTTCTGCAGCCACCTACAGATATTACCGTCTCCCCTTGGCGGAGCAAGGGGGCCCCCAGAA
 GCCCAGTTTGATGCCCTTGTGCTGTTCTTGGGAGACCCAGCCTTCTGCAACTCAGAGATAACCATG
 GGCCTCCCCCTGCTCTCTGTTGAGCGGCCAGTCAGGTGTGGGAGGACCAACCTAGGCATGGTCTGGG
 TACCCTCGTCATGTTCCACTACAGTCGAACACCTCACAGCTAGAGGCAGCCTCCCTGCTGAGCAAAACC
 CTGCCCATGGAGCAGTTTCAAGTGATCCAAGGCTTCATCGGCAGGGTGGCCAGGGGAAGAAGATGGTGG
 AGGAGGTGGATCGAGCCATCAGTGCCTGTGCAGAGTTACATGACCTGAAGGAAGAGCTCCTCAAAAACCA
 GAGGAAGCTGGAAGGTTTTAGGCCAGAGAGGCTGGAGCAGGAATGTGGTAGTCAGCATTCTGTCCAACAG
 AGGGCGCTGTGGAGCCTGGAGCTGTACTTCTATCTGATCCTGTTAACTACTATCTGCATGAGCAGTACC
 CCCTGGCCTTGGCCTCAGTTTTCAGTCGATGGCTGTGTACGCATCCTGAGCTGTACCGTCTGCCGTGGT
 GCTGAATTCAGTGGGGCTTTGGTCCCTGGGACCTCATCGCCAGGGCTCCCTGGAAGCAGATGATCTT
 GTTCCCTGGATGCGCTCAGCACTGTGAGAGAAATGGATGTAGCCAACTCCGGCGTGTGCTCGGATGC
 CTATCTATGGCACCAGCCAGCCAGCGCAAGGCCCTAGGCAACATCCTGGCCTACCTGTCTGATGCCAA
 GAGGAAGCTACGGCAGGTGGTCTGGATCAACCTGAGGGAGGAGTTGTGCTGGACTGTGACGGTCACACA
 CACAGCCTGTGGCTCCCCGGACCAACCCTGGCCCCAAGCAGCTGGAGGATTTGGAGGCCAGCTGAAAG
 CCTACCTGAGTGTCTCTGTCCCAACACCAAGAGCCCTACCACCCCAAGTTCCAGAAGTGCCTGACCAC
 ACAAGAGGTCTTCAGCCAGCACCAGGGGGCTGCCTTGGCCTTACCTACTGCCGATTCTGTGCCAGAC
 TTCTGCGCCCCTCGGGAGGAGGACTTTGACCGGTGCTTGAGGCCCTGCAAGCTGCCCTCACGAAGGACC
 CAGGCACAGGCGTGGTCTTCAGCTGCCTCAGTGGCCAGGGTCGGACCACAACCTGCCATGGTGGTGGCGT
 GCTGGCCTGTGGCACATCAGGGGCTGCCCCGAGGTGGGCGAGGAGGAGCTAGTGAGTGTGCTGACGCC
 AAGTTCACCAAGGGCGAATTTAGGTGGTGTGAAGGTGGTACAGCTGCTGCCTGACGGCCACCTCGTGA
 AGAAGGAGGTGGACGCGGCTTTGACACTGTGACGAGACCATGACACCGATGCACTACCACCTGCGGGA
 GGTCATCATATCTACCTACCGACAGGCAAGGCCACCAAGAAGCACAGGAGGCTCAGAGGTTACAGCTG
 AGGAGTCTGCAGTACCTGGAACGGTACATCTACCTGATCCTCTTAAATGCCTACCTTCGCTGGAGAAAG
 CCAGCTCCTGGCAGAGGCTTTGACACCTGGATGCGGGAGGTGGCAACCAAGCTGGCATCTATGAGAT
 CCTCAACCAGCTGGGGTTCCTGAGCTGGAGAGCATGGAGGACCAGCCCTGTCAAGACTCCGTTACCGG
 TGGCAAGAGCAGAGCCAAGACCCAGAGCCCTATGATGCTGGGACTTCCTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034128

Insert Size: 2574 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:	<u>NM_001034128.2, NP_001029300.2</u>
RefSeq Size:	4213 bp
RefSeq ORF:	2574 bp
Locus ID:	294508
Cytogenetics:	20q11