

Product datasheet for RN202978

Dpf1 (NM_001105729) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpf1 (NM_001105729) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpf1
Synonyms:	Neud4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202978 representing NM_001105729 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACGGTCATCCCCAGCCCCCTGAGCCTTGGCGAGGACTTCTACCGGGAGGCCATCGAGCACTGCC
GCAGCTACAACGCGCGCCTGTGTGCCGAGCGCAGCCTGCGCCTGCCCTTCTCGACTCTCAGACCGGCGT
GGCTCAGAACAAGTGTACATCTGGATGGAGAAGACCCACCGGGCCTGGTTTGGCCCCAGGACAGATC
TACACTTACCCCGCCGCTGTTGGAGGAAGAAACGGAGACTCAACATCCTGGAGGACCCAGGCTCCGGC
CCTGCGAGTACAAGATCGATTGTGAGGCACCTCTGAAGAAGGAGGGTGGCCTCCCGAAGGGCCAGTCTCT
TGAGGCTCTGCTGTGCGCTGAGACTGGAGAGAAGAAAGTGGAGTTGAAGGAGGAGGAGACCATTATGGAC
TGTCAGAAACAGCAGTTGCTGGAGTTTCCGCATGATCTCGAGGTAGAAGACTTGGAGGAAGACATTTCCCA
GGAGGAAGAACAGGGCCAAAGGAAAGGCGTATGGCATTGGAGGTCTCCGAAAACGCCAGGACAACGCATC
CTTGGAGGACCGAGACAAGCCGTACGTCTGTGATATCTGTGGGAAGAGGTATAAGAACCAGGCGGCTT
AGCTACCACTACACCCACACCCACCTGGCTGAGGAGGAGGGGAGGAGCACACTGAGCGCCACGCCCTGC
CTTTCCACCGGAAAAACAACATAAACAGTTTTACAAAGAATTGGCCTGGTCCCGAGGACAGAGGAA
ACACACAGCCAAGAAAGCACCAGATGGCACTGTATCCCAATGGCTACTGTGACTTTTGCCTGGGGGGC
TCCAAGAAGACTGGATGTCTCTGAGGACCTCATCTCCTGTGCGGACTGCGGGCGATCAGGACATCCCTCGT
GTTTACAGTTCACGGTGAACATGACCGCAGCCGTGCGGACTACCGCTGGCAGTGTATCGAATGCAAGTC
CTGCAGCCTGTGTGGCACCTCGGAGAATGACGACCAGCTGCTGTTCTGTGACGACTGCGATCGGGGTTAC
CACATGTACTGCCTGAGCCCTCCATGGCGGAGCCCCGGAAGGGAGCTGGAGTTGCCACCTCTGTCTCC
GGCACTTGAAAGAAAAGGCTCCGCTTACATCACCTGACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001105729
Insert Size:	1164 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_001105729.3, NP_001099199.2</u>
RefSeq Size:	2349 bp
RefSeq ORF:	1164 bp
Locus ID:	50545
Cytogenetics:	1q21
Gene Summary:	neurospecific gene that is developmentally regulated [RGD, Feb 2006]