

Product datasheet for RN205226

Prex2 (NM_001107899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prex2 (NM_001107899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prex2
Synonyms:	Depdc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205226 representing NM_001107899 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGTGGAGTCCTAATGAAAATTTCTCCGAAATATCAAGAAAGGGTGTTCCTTTTGTATAATC
TTTTGGTATACTGCAAAAGAAAACACAGACGGCTGAAGAATAGCAAGGCATCCACGGATGGGCATCGGTA
TGCTTCCGAGGGCGGATCAATACCGAGGTGATGGAAGTGAGAATGTGGATGACGGTACAGCTGATTTT
CACAGCAGTGGGCACATAGTTGTGAATGGGTGGAAGATACACAACACAGCGAAAAATAAATGGTTCTGAT
GCATGGCTAAAAGCCCTGAAGAAAAGCATGAATGGTTTGAAGCTATCTTGAAAGAAAAGAGAACGTCGGAA
AGGTTTAAAATTAGGAATGGAGCAAGATACCTGGGTAATGATCTCCGAGCAGGGTGAAGAAATGTATAAA
ATGATGTGCAAGCAGGAAATCTGATCAAAGACAGAAAAAGAAAAGTACCACATTCCTCAAGTGCCTCC
TGGGAAGTGAATTTGCTCATGGCTGCTGGAAATGGAGAAATCCACAGGCTGAAGAGGGTGTTCACCT
GGGACAAGCATTGCTAGAGAACGGGATCATCCACCATGTTACCGATAAGCACCAGTTCAAGCCAGAGCAA
ATGCTATACCGATTCCGATATGATGATGGTACCTTTTACCCAGGAGTGAGATGCAGGATGTGATTTCTA
AGGGTGAAGACTCTACTGTCGCTCCATAGTCTGTTTACTCCGGTGGTCAGAGATAAAGATTATCATT
AAGAACTTACAAATCTGTCGTCATGGCCAAACAAATTGATAGACTGGTTAATTGCACAGGGTGTTCGCGT
ACCAGGGAAGAGGCAATGATATTTGCTGTTGGGCTTTGTGACAATGGATTGATGATCAGCTCCTAGAAA
AAAGTGAATTCAAAGACGAGCCTCTACTTTTCCGCTTTTTTGGCGATGAGGAAATGGAAGGATCAAATAT
GAAACACAGGCTGATGAAACATGACTTGAAGGTGGTGGAGAATGTCATAGCTAAGTCACTGTTGATTA
TCCAATGAAGGCAGCTATGGATTTGGGCTGGAAGACAAAAATAAAGTTCCAATAAAGTTAGTGGAAA
AAGGGTGAATGCTGAGATGGCTGGCATGGAAGTTGGGAAGAAGATTTGCTATTAATGGTGACCTGGT
TTTTCTGAGACCTTTTCTGAAGTTGATTGCTTCTGAAATCGTCTTGAACAGCAGAAAAGCCACTGAGA
GTCCTTGTGAGCACAAGCCAAGGGAGACCGTTAAGATCCAGATTCTGCAGATGGGCTTGGTTCCAGA
TCAGAGGCTTTGGTCTTCAAGTTGATGCTGTGGGAAGAGGACTGTGGCTGCAGCAGCTGGCCTTCA
TCCAGGACAGTGTATTATCAAAGTAAATGGAATCAACGTCAGCAAGGAGACACATGCCAGTGTATTGCA
CATGTCACCGCTGCCGAAATACAAGCGGCCATGAAGCAAGATTCCATACAGTGGGTCTATGATGTC



[View online >](#)

TTGAAAGTGCTCAGGAAGACATTGAGAAGTCCCCTCAAAGCCCCCTGGAGACGAGGCTGGGGATGTTTT
TGACTGCAAAGTAGAAGATGTCATGGACAAGTTCAACACCTTGGCCATTATCGACGGCAAGAAGGAGCAT
GTGAGTCTGACGGTGGACAATGTCCACCTCGAGTACGGGGTTGTGTACGAGTATGACAGCACGGCTGGCA
CAAAGTGCATGTGGTGGAGAAGATGGTGGAGCCCAAAGGGTTCTTCAGCCTAACTGCCAAGATTCTGGA
AGCCCTAGCAAAAAGTATGAACATTTGTCCAAAAGTGCACCAGCCTCAATTCTTTGAATGAAGTGATC
GCCACTGACCTTCAGAGTAAATTCACCAGCATGTGCAGTGTGAGAGAGTGCAGCATGTGTGCCACAGAATAT
CCAGTATGGGAGGTTCTCTCGGTGCTGAAGAACAGAGCCTGGCCACCTTTAAGCAGGCCAAAGCTAA
GATGTCCCGCTGCACAGCAGTACTTCTGCCCTACCAACTGCCATGTGAATGTGATGGAAGTTTCTTAT
CCGAAAGCATCGCTTCCCTGGGACGCGCTTCCGGTGTGCAGCTCGATAGTAGGAAAACACAATTCATG
ATAAGGAAAATAGGTCTGCAGACCCAGGAAAAGTGCAGCCCATGGTATACATTCAACACACAATCACAAC
CATGGCAGCCCTTCAGGCCTGTGCTGGGACACAAGGATGGCCATGGCCTCCGGTATTTGCTGAAAGAA
GAAGACTTAGAAAAGTCAAGACATCTATCACAAGTCTGGGCAAGCTGCAGACTGCACTGAAGGAGGTGG
AGATGTGCGTTTGTCAAATCGATGACCTTCTGTCTTCAATAACATATTCTCTAAATTGGAGCGTAAGAC
AACAGAGTATGTGATACCAACGGACAGCGACAATGAAAAGGGAGAGAGAAAATAGCAAACGTGTCTGTTTT
AATGTAGCAGGAGATGAACAAGAGGATTAGGTCATGATACAGTCAGCAACAGAGACTCTTACAGTGACT
GCAACAGCAACAGGAATTCATTGCCTCCTTCAGGAGTATCTGCAGCAGCCAGTGCAGTTCTACTTTCA
CAGTGATGAGATGGACTCAGGTGATGAGCTTCCAAACCAGCATCCGGATATCTCATGATAAACAGGACAAG
ATCCACACTTGCCTGGAGCAGCTTTCATCCAGTTGGATTCAATAACCAACCTCTTGAAAGGACGAGCTG
TTGTAAGGGCCTTTGAGCAAACCAAGTATCTCACACCAGGTCGAGGATTACAAGTAGTGAACCCAGCT
CCGGAGAGACATGGTTTTCTGCCAAAGTCTTGTGGCCACTGTCTGTGCCTTCTCTGAGCAGCTCATGGCT
GCCTTAAACCAGATGTTTGATAATAGCAAGGAAAATGAAATGGAGACTTGGGAAGCCAGCAGGAGGTGGC
TGGACCAGATTGCAAATGCGGGTGTGCTTTTTCACTTCCAGTCACTTCTGTCCACAAATTTGAAAGATGA
GCAAGCCATGCTTGAGGATACACTGGTTGCCCTGTTTGTATTTGGAAAAAGTTTCTTTTTCTTCAAACCA
TCAGAAGAGGAACCACTTGTGCAAATGTGCTTACATACCAAGTGGAAAGGAAGCCGGCAAGCTCTGA
AAGTTGCTTCTACATGGATAGTTACCATTTTGTGAGCAGCTGCCCAACGGCTGAAGAATGGAGGCGGGT
TAAAATTCACCCTGTTCTCTTTTACAAGCACTGGAGAGCATGGAAGGATATTGCTATAGAGACAACATC
TCCGTGGAAGAGTTTCAAGCGCAGATAAACACAGCCTCCCTGGAAAAGGTCAAACAGTACAATCAGAAGC
TCAGGTGTACCCTGAGTGTGACTGGAGCAAGCCATCACTCTAGCAAGAAGCCACGGGCTCCCTCTAG
GTACATTATGCAGGCCACAGATGTGATGAGAAAGCAGGGTGAAGAGTTCAGAACACAGCTAAGAAGTTG
GGGTTAGAGACCGGACTCCTCAGTCAGCTCCGAGTTGTATAAGCTGTGTGAGCCACCCTCCAGTGG
GAGACGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107899

Insert Size:

3651 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: NM_001107899.1, NP_001101369.1

RefSeq Size: 4852 bp

RefSeq ORF: 3651 bp

Locus ID: 312912

Cytogenetics: 5q11