

Product datasheet for RN200987

Psd4 (NM_001134881) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psd4 (NM_001134881) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psd4
Synonyms:	MGC124698
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200987 representing NM_001134881 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGGGACACCTCAGACCCATGGAATTTCTCAATATTTGCTTGGGAAGACAACCTACAGCCCCATC
CAGAAGCATATCCAAGTGAAGTGCATGGCCATCCGGGCCCTTCTGAACCTTGCCAGGAACATACTTGGCC
ATTTGACCCCCCTGAATCTGCCAGGCCTGATGCTCATCATGGCGACTCTGATGTGAACCCAGTCACCTG
GGAAACCGCCTGGTGCATGGGGAGGCCAGCCAGGCCCCAGCATCATCGAGGTCCTAGAGGACAACAGCT
CTCTGGGGAGTCCACAGCAGAACCAGGAGCTCATCCACCCAGGTGGTATTCTGGGCTGGCATCCTGCAGGC
CCAGATGTGTGCTTGGACCTGGAGGAGGAGCTAGAGAAAACAGAGGGACTCAAAGCAGGACTCAGATGC
TGATTTCCACCGCCCTAAGGACTTCTTGGTGTGTGGGCTGAAACCCAGTCGGCCCAAGGAGGATG
AAGACTCTGGGGATGACAGCAGTGGTCTGAGGAAGAGAACCAGACCTGGCCAAAGAAGAAAATGCCAGG
CTCCTCCCAGAGTGGGGTGTGAGGAGGACAGCATCTTCTTTGATAATCCCCTCTTCTGGAAAGCCCT
TGCTCAGACACCAGCACTGAAGGAGAATGCTTTTCTGGGGCTACCCGAATCCCACCTAGATATGAAGA
CCTGGCCTCATAGGCCTCAAACCCCTGGATTCTCCTCTCCAAGAAGGCACAGGGCTCTGGACGCAAGAAAA
TGATCTGGATTTGGGGAGCAACACTGCTGACCATAGTAGGTGCTCCACCCCTCCATTCCCTGTGCCTTCC
TATAAGATGCACCCCTGCTTGGCCTTAGGATCCACTGAAGGAGCTCCCATAGTACCTCCTGATCAGGTGG
GTGAGACTTCTTGGGAAGATGATGTTGGCCCTGGCTCACCTAAAGCACCCCTCTGTAGACCATGAATTGAT
CCAGGAATCAGATAACTTTGGATCTGACCTTAGACCTGCCACAACACATCCTGTACAGCCTTGGGGCTCA
CAGATACCCCAAAGCCTTTCTGACCTGGCCCCACCCTTACATGAGGACCTGCAGGATCCTTCCAGGCCCC
AGAAGCCTCTTATCTCCAGAACGGAGGTGAGAGGGATGCTGGCTGTTTCCAGGAGCCCATGCTCTGCAC
CTTGGCCCCCTGGGGAGCCAAGCATCTTACTGGAGCCTAGCTGCCAGAATCTGGGGCAGAGGCTCT
GGACCCCGGCCAGTCTGTGCTTCTCAGGAGAGCAGTCCACAGGATCAGCTCCATAGCCTCAAGTGGC
CACAAGATACCTCACACCTTCCGCTCCTGGAGAAGGATAAATCAGAATTGAGTTCCCTGAAGAAAAGATGA
GACAGAGGAAGTCCCAAGCCTGATGCAGGAGGCAGAGTGTGAAGATACATCCAGAAGTGAAGATGCTTCA
GTCACCGAGCACCATGTTCACTTGGCTTCTGCAGAAGGACTTCTGAGAGCCCCATGCCCCAGAGGAAG



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CTCAATCCCCAGAGGAAGACTGGAGGCCATCACCATCTAGAGAGAAGATGGCTAATAGCATCAGAAATGA
 CGAGGGGGCTTGGAACCTAGCCTTGCGCCTCTATCAACTGAATGGTTTTTCGGAAGTCCGAAGTGGCTGCA
 CACCTTCGCAAGAACAATGACTTCAGCAGGGCTGTAGCCGAGGCCACTTGTCTCTTCCAGTTTGAAG
 GTCAGAGCCTGGACCGAGCCCTCCGTGGTTTTCTCCAGGCCCTGGTGCTCAGTGGAGAGACTCAGGAGCG
 GGAACGAATTCTACCAATTTTCAAACGCTTCCATTACTGCAATCCTGGAGCCTTCCCCTCAGTAGAT
 TCTGTACACACCTTGACCTGTGCAATTATGCTCCTTAACACAGACTTACATGGACAGAACCATTGGAAGA
 GCATGAGCTGTGAGGAATTTGTAACCAACCTGAATGGCCTGCAGGATGGTGGAAACTTCCCAAAGAGCT
 GCTGAAGGCTCTCTACTGGTCTATCCGAAGTGAGAAGCTTGAGTGGGCTGTAGATGAAGAAGATGCAGCC
 AGACCTGAGAAAGACCAGCCCTCTCCCTCAGCTGGCAAGATAAGCAGCCCTTCTGCAGTTGGCTCAGG
 ACCCCACGATGCCACCTATAAGCAGGGTATCCTGGCACGGAAGATGCATCATGATGCTGATGGCAAGAA
 GACACCATGGGGCAAACGAGGCTGGAAGATGTTTCACACCTTACTGAGAGGGATGGTGTCTACTTCTG
 AAGGGAGAGGGCCAGTGGCTGGATGGGGAGAGTTTGGTTGGACATATGATGGATGAACCTGTGGGAGTGC
 ACCACTCGCTAGCCAGCCAGCCACCCACTACACCAAGAAGCCACATGTCTCCAGCTTCGGACTGCAGA
 CTGGCGTCTCTACCTCTCCAGGCACCCACGGCCAAAGAATGGCTTCTGGATTGCACGAATCAACCTG
 GCGGCTGCCACACTCAGCACCTCCCTTCCAGCTGCAGTGGGCTCCCAGCGCAGATTCGTGAGGCCCA
 TCCTGCCCATGGGCCAGCGCAGAGCTCCCTGGAGGAGCAGCATCGATCCACGAGAAGTGCCTGGATGC
 TGCCCTCAGATGACCTGTTGGATTGTCAGAGAACTGCCAGAGCGAAGGGGCCGAGCCGCGAGTTGGAG
 GAGTACCGCTTACGGAAGGAGTATCTGGAGCACGAGAAACTCGATATGAGACGTACGTGCAGCTTCTGG
 TGGCCCGCTACACTTCCCTCTGAAAGACCTGGCTTTGTGGGAAGATCAGCTTGGGAACGAAGCTGATAG
 TTGTCAGGAGCCCAGGCCAAGCCTGAAGAAGTCCCACTCAAGCCCATCCCTGCACCAGGATGAGGCCCCC
 ACCACAGCCAAGTGAAACGTAACATCTCAGAGCGCAGAACCTACCGAAGATCATTCCCAAGAGGAACC
 GCAACCAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134881
- Insert Size:** 3024 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_001134881.1, NP_001128353.1
- RefSeq Size:** 4791 bp
- RefSeq ORF:** 3024 bp

Locus ID: 311785

Cytogenetics: 3p13