

Product datasheet for **MC212984**

Psd3 (NM_027626) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psd3 (NM_027626) Mouse Untagged Clone
Tag: Tag Free
Symbol: Psd3
Synonyms: 4931420C21Rik; AI661273; BC003498; D430018P08; EFA6D
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212984 representing NM_027626
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATTGGCGTGAATAGTGTTTCAGAGTGCCAGCAAGGTACGGGTGAGGACCTCAGTTCTGTGAAGTACT
 CCCGAGAGGATTCTATCCGGCGGCAGTCCACCGGTCAAAGTCTATGAAAATTTCCAACCTCTCAGATT
 TTCTGCTAAGGAGAGCAAGGCTCTGTACAACCTCAATCAAGAACGAGAAGCTTGAATGGGCAGTAGATGAT
 GAAGAGAAAAAATCCCCCTCAGAAGGTACTGATGAGAAGGCTAATGGAACGCACCCAAAGACTATCA
 GTCGTATTGGGAGTACAACGAACCCATTTTTGGACATTCTCATGACCCGAATGTGCTGTATACAAAAG
 TGGATTTTTGGCTCGTAAAATCCACGCAGACATGGATGGAAAGAAGACTCCAAGAGGAAAGCGAGGATGG
 AAAACCTTTTATGCTGTCCTGAAGGGAACCGTTCTTTACTTACAGAAGGATGAGTATAAGCCAGAGAAGT
 CTCTGTCCGATGAAGACTTGAAGAATGCGGTGAGTGTGCACCACGCTCTGGCGTCCAAGGCCACTGACTA
 TGAGAAGAAGCCGAACGTGTTTAACTCAAGACTGCGGACTGGAGGGTCTTGCTTTTCCAACCCAGAGT
 CCAGAGGAAATGCAAGGCTGGATAAACAATAAAGTGTGTGGCAGCTGTGTTTTCTGCACCGCCTTTCC
 CAGCAGCCATTGGCTCTCAGAAGAAGTTTAGCCGCCACTTCTGCCAGCCACTACAACAAAATATCCCCA
 GGAGGAGCAGCTGAAGTCCCATGAAAGCAAGCTGAAGCAGATCACCAGTGGCTGAGCATCGCTCA
 TATCCCCCAGACAAGAAGGTCAAAGCCAAGGATGTTGATGAGTACAAGCTGAAAGACCACTATCTGGAGT
 TCGAGAAAACCCGTTATGAGATTTATGTCAGCGTTCTGAAAGAAGGAGGCAAAGAGCTCCTGACTACCGA
 TGGAAATGAGCCCGTGGGACTGAAGAAGTCACTCAAGTCCCTCCCTCAACCCAGATGCATCTCCAGTC
 ACTGCCAAGGTCAAGCGCAACGTGTCAGAGAGAAAAGACCACCGACTGAAACACCGGCCATTAAGCAA
 AAGTTACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_027626
Insert Size:	1131 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_027626.1</u> , <u>NP_081902.1</u>
RefSeq Size:	9228 bp
RefSeq ORF:	1131 bp
Locus ID:	234353
UniProt ID:	<u>Q2PFD7</u>
Cytogenetics:	8 B3.2- B3.3
Gene Summary:	<p>Guanine nucleotide exchange factor for ARF6.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks several 5' exons but contains an alternate 5' terminal exon, and it thus differs in the 5' UTR and initiates translation from an alternate start codon, compared to variant 2. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 2.</p>