

## Product datasheet for **MC202521**

### **Psd2 (NM\_028707) Mouse Untagged Clone**

#### **Product data:**

**Product Type:** Expression Plasmids  
**Product Name:** Psd2 (NM\_028707) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Psd2  
**Synonyms:** 6330404E20Rik; AW125584; EFA6C  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC065053 sequence for NM\_028707  
 CCAGCCTCTCCACAGCCGAGGCTCCAACACCTGAGGGGACAGAAGCGAAGCGAACCGGGGAGCTCCAAC  
 AGGCGGGCGCACGGGACCGGGTCCAGGGTGGCTCCGCATGGCCCCACCGTGAGAGGGGACCCAGCG  
 GCTGGGACACGAGCGCCCTAGGGGCTGGCAGGGACGGGTGAAACAGTGACCGACATGGATGAAGAGAAG  
 CTTCCCATGTGAGCTGCACAAGGAAGGGAGTGCTACCCAGGAGGACCACGGCTGGAGCCCAGAGGAGC  
 CTGGGCTCCAGAATGGAACAGCAGCCAGCGAAGGCCTGAGCAGCCACATCAGCGGCCAGGCGGTGAGAA  
 GACCTTAGAGGGTACCATGGAGCCTGTGAGAGGCCAGATGTGGCCCTGCCTGGCCTTAACCTCTCTTTG  
 ACCAATGGCCTGGCTTTGGGACAAGATGGGAACATTTTGGAAAGATTCCATAGAATTTAAGACCTGGAGAA  
 GCGGACCAGCAGAGGAGGAGGATGTCCCTGGGAGTCCCTGTCCAGATGCTGGGACCCCTCAGCTGGGGCT  
 GGATTGCTCTGGGAACAGATGTACGTGATGGCTTCAGTGCCACTTTTGAAGATTCTGGAGTCGGAG  
 CTACTGCGGGGCACCCAGTATAGCAGCCTGGACTCTTTAGATGTGCTGAGTCTCACTGACGAGAGTGACA  
 GCTGTGTGAGCTTCGAGGCCCCCTTACACCTCTCATCCAGCAGAGGGCTCGAGATAGCCCCGAGGCCGG  
 GGCTGGGCTGGGCAATGGGGACATGGGGCTGAAGGGATCTGGGGCAACTGGTGGTTGTGATGGGAA  
 CTAGGCAGTCCCCTGAGGCGGTCCATCTCTAGCAGCCGCTCAGAGAATGTCTTGAGCCACCTGTCTCTCA  
 CCTCGGTGCCAATGGGTTCATGAAGATGGGCCTGGGGGCTCGGGAGGGGACGATGAGGACGATGAGGA  
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 CTGAGCAGCTCTGAGGGGCTGGAGCCTGGCAGCACAGATCCACTGGCCAACGGGTGCCAGGGGTGACGG  
 AAGCCGCTCGCAGGCTGGCCGACGGCTCTACCATCTTGAAGGTTTCCAGCGCTGTGATGTAGCTCGGCA  
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 CTTCACTTTGGACAGGCACTCAGAACCTTCTGAAGGCCTTCCCGCTGATGGGGGAGACACAGGAACGAG  
 AACGAGTCTTACCCACTTCTCTCGCCGCTACTGCCAGTGTAAACCAGACGACAGCACATCAGAAGATGG  
 GATCCACACGCTCACCTGCGCCCTGATGCTGCTCAACACAGACCTGCATGGACACGTGAACATTGGCAAG  
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 GAAATCCCTGTCTGAGCTGGTGGATGACAAGTTTGGGACGGGCACAAAGAAGGTGACTCGGATCTGGAT  
 GGTGGCAATCCATTCTGGATGTCCCGCAGGCTCTCAACGCTACCACCTACAAGCATGGCGTGTGACCC  
 GGAAGACTCATGCGGACATGGATGGCAAGAGGACACCCCGTGGGAGCGTGGCTGGAAGAAATTCTATGC



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AGTGCTCAAAGGGACCATCCTGTACCTGCAGAAGGATGAGTACAGGCTTGACAAGGCTCTGTCTGAGGGG
GACCTGAAGAATGCCATCCGTGTGCACCACGCTCTGGCCACCAGGGCTTCTGACTACAGTAAAGAAGTCCA
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TTATATACATGTACTACTGTACTAAAATATTATGTACATTATAAAACATACACAAAAATAGAAATTTAAA
AAAGATGAGATGAAAATAAATCTAAATCAAAGTTCAAAAAAAAAAAAAAAAAAAAA
    
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**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_028707

**Insert Size:**

2316 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:** [BC065053](#), [AAH65053](#)

**RefSeq Size:** 4394 bp

**RefSeq ORF:** 2316 bp

**Locus ID:** 74002

**UniProt ID:** [Q6P116](#)

**Cytogenetics:** 18 B2