

Product datasheet for **MC228895**

Psd2 (NM_001289602) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psd2 (NM_001289602) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psd2
Synonyms:	6330404E20Rik; AW125584; EFA6C
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228895 representing NM_001289602
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGAAGAGAAGCTCCCATGTGAGCTGCACAAGGAAGGGAGTGCTACCCAGGAGGACCACGGCCTGG
 AGCCCGAAGAGGAGCCTGGGCTCCAGAATGGAACAGCAGCCAGCGAAGGCCTGAGCAGCCACATCAGCGG
 CCCAGGCGGTGAGAAGACCTTAGAGGGTACCATGGAGCCTGTGAGAGGCCAGATGTGGCCCTGCCTGGC
 CTTAACCTCTCTTTGACCAATGGCCTGGCTTTGGGACAAGATGGGAACATTTTGAAGATTCCATAGAAT
 TTAAGACCTGGAGAAGCGGACCAGCAGAGGAGGAGGATGTCCCTGGGAGTCCCTGTCCAGATGCTGGGGA
 CCCTCAGCTGGGGCTGGATTGTCTGGCGAACAGATGTACGTGATGGCTTCAGTGCCACTTTTGAGAAG
 ATTCTGGAGTCGGAGCTACTGCGGGGCACCCAGTATAGCAGCCTGGACTCTTTAGATGTGCTGAGTCTCA
 CTGACGAGAGTGACAGCTGTGTCAGCTTCGAGGCCCCCTTACACCTCTCATCCAGCAGAGGGCTCGAGA
 TAGCCCCGAGGCCGGGGCTGGGCTGGGCAATGGGGACATGGGGCCTGAAGGGGATCTGGGGCAACTGGT
 GGTGTGATGGGGAAGTGGCAGTCCCCTGAGGCGGTCCATCTCTAGCAGCCGCTCAGAGAATGTCTTGA
 GCCACCTGTCTCTCACCTCGGTGCCAATGGGTTCCATGAAGATGGGCCTGGGGGCTCGGGAGGGGACGA
 TGAGGACGATGAGGACACGGACAAGTTGCTGAACCTCTGCCAGTGACACCAGCCTTAAGGATGGCCTGTGC
 GACTCGGACTCGGAGCTGAGCAGCTCTGAGGGGCTGGAGCCTGGCAGCACAGATCCACTGGCCAACGGGT
 GCCAGGGGGTCAGCGAAGCCGCTCGCAGGCTGGCCGACGGCTCTACCATCTTGAAGGTTTCCAGCGCTG
 TGATGTAGCTCGGCAGCTGGGCAAGAACAATGAGTTCAGCAGGCTGGTTGCTGGGGAGTACCTCAGTTTC
 TTCGACTTCTCAGGCCTCACTTTGGACAGAGCACTCAGAACCTTCTCGCCGGTACTGCCAGTGAACCCAGAGCAG
 AGACACGGAACGAGAACGAGTCTTACCCACTTCTCTCGCCGGTACTGCCAGTGAACCCAGAGCAGAC
 CACATCAGAAGATGGGATCCACACGCTCACCTGCGCCCTGATGCTCAACACAGACTGCATGGACAC
 AACATTGGCAAGAAGATGTCTGCGCAGCAATTCATTGCCAACTTGACCAGCTGAACGATGGCCAAGACT
 TTGCCAAAGACTTTTGAAGACTTTTACAACCTCCATCAAGAACGAAAAGCTGGAATGGGCCATTGATGA
 GGATGAGCTGAGGAAATCCCTGTCTGAGCTGGTGGATGACAAGTTTGGGACGGGCACAAAGAAGGTGACT
 CGGATCTTGGATGGTGGCAATCCATTCTGGATGTCCCGCAGGCTCTCAACGCTACCACCTACAAGCATG
 GCGTGTGACCCGGAAGACTCATGCGGACATGGATGCACCCCGTGGGAGGCGTGGCTGGAAGAAATTCTA
 TGCAGTGTCAAAGGACCATCCTGTACCTGCAGAAGGATGAGTACAGGCTTGACAAGGCTCTGTCTGAG
 GGGGACCTGAAGAATGCCATCCGTGTGACCACGCTCTGGCCACCAGGGCTTCTGACTACAGTAAGAAGT
 CCAACGTGCTCAAGCTGAAGACAGCAGACTGGAGGGTGTTCCTCTCCAGGCACCGAGCAAGGAAGAGAT
 GTTGTCTGATCCTGAGGATCAACCTAGTAGCCGCCATCTTCTCAGCACCAGCCTTCCCAGCAGCCGTC
 AGCTCCATGAAGAAGTTTTGTGACCCCTGCTGCCCTCCTGTACCACCCGCTCTGCCAGGAGGAGCAGC
 TGCGGTCTCATGAGAATAAGTTGAGGCAGGTGACTGCAGAGCTGGCTGAGCACAGGTGTACCCACTGGA
 GAGAGGCTCAAGTCTAAGGAAGCAGAAGAGTACCGTCTGAAGGAACACTATCTCACCTTTGAGAAAAGC
 CGTTATGAGACCTATATTCACCTCCTGGCCGTGAAAATCAAAGTGGGCTCAGATGACCTGGAGCGGATTG
 AGGCACGGCTGGCTACTATAGAAGGGGATGACCCAGCTCTCCGAAAACACACTCAAGCCCCGCCCTCAG
 CCTGGGCCACGGCCTGTGACTGGCAGCAAAGCCACAAAGGATACCTCTGCATCTGATACT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289602
Insert Size: 2304 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001289602.1</u> , <u>NP_001276531.1</u>
RefSeq Size:	4622 bp
RefSeq ORF:	2304 bp
Locus ID:	74002
UniProt ID:	<u>Q6P116</u>
Cytogenetics:	18 B2