

Product datasheet for **MC214969**

Syndig1 (NM_001085521) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syndig1 (NM_001085521) Mouse Untagged Clone
Tag: Tag Free
Symbol: Syndig1
Synonyms: AW123113; DSPC2; Gm14134; H2C20orf39; OTTMUSG00000015750; Tmem90b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214969 representing NM_001085521
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGGCATCATTGAGCAGAAGAGTGTCTGGTACACAGTAAGATCAGTGATGCTGGCAAAGGAATG
GCTTAATTAACACCAGAACTTCATGGCTGAGAGCAGGGATGGTCTGGTGTCTGTTACCCAGCACCTCA
GTACCAGAGCCACAGGCTAGTGGCCAGTGCAGCAGCCAGGAGCCGGAAGGAGGCAGAAGTGAGCCTGTG
CAGCAGTTGCTGGACCCAAACACTCTGCAGCAGTCCGTCGAGTCCCACTATCGTCCCAATATCATCTCT
ACTCAGATGGTGTACTTCGATCCTGGGGGATGGTGTAGCCACTGACTGCTGTGAGACCCTTCATTGA
GGACCGGTCAACCACAAAGACAGCCTGGAGTACCCCGATGGGAAATTCATCGACCTCTCAGGGGATGAC
ATCAAAATCCATACCCTGTCTATGACGTGGAGGAAGAAGAGGAGTTACAGGAGCTGGAGAGTGACTACT
CCAGCGACACAGAAAGTGAGGACAATTCCTCATGATGCCCCACGGGATCACCTGGGACTCAGCGTCTT
CTCCATGCTCTGCTGCTTCTGGCCTTTGGGCATTGCAGCCTTCTACTTGTCCCATGAGACAAACAAAGCT
GTGGCCAAAGGAGACTTCCATCAGGCCAGCAGCAGCTCTCGGAGGGCCCTGTTCTGGCAGTCTGTCCA
TTACTATTGGAAGTGGCATCTATGTGGGTGGCTGTTGCCCTCATTGCCTACCTCTCAAAAACAACCA
CCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001085521
Insert Size: 777 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:	NM_001085521.2 , NP_001078990.1
RefSeq Size:	2073 bp
RefSeq ORF:	777 bp
Locus ID:	433485
UniProt ID:	A2ANU3
Cytogenetics:	2
Gene Summary:	May regulate AMPA receptor content at nascent synapses, and have a role in postsynaptic development and maturation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.