

Product datasheet for **RN208751**

Syndig1 (NM_001025020) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syndig1 (NM_001025020) Rat Untagged Clone
Tag: Tag Free
Symbol: Syndig1
Synonyms: DSPC2; RGD1310753; Tmem90b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208751 representing NM_001025020
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGGCATCGTTGAGCAGAAGAGTGTCTGGTACACAGTAAGATCGGTGATGCTGGCAAAGGAATG
GCTTAATTAACACCAGAACTTCATGGCTGAGAGCAGGGATGGTCTGGTGTCTGTTACCCAGCACCGCA
GTACCAGAGCCACAGGCTAGTGGCCAGTGCAGCAGCCAGGAGCCGGAAGGAGGCAGAAGTGATCCTGTG
CAGCAGCTGCTGGACCCAAACACTGCAGCAGTCCGTGGACTCCCACTATCGTCCCAACATCATTCTAT
ACTCAGATGGTGTGCTCCGATCCTGGGGGATGGTGTAGCCACTGACTGCTGTGAGACCCTTCATTGA
GGACCGGTCAACCACAAAGACAGCCTGGAGTACCCCGATGGGAAATTCATCGACCTCTCAGGGGATGAC
ATCAAAATCCACACCCTGTCTTATGATGTGGAGGAAGAGGAGGAGTTACAGGAGCTGGAGAGTGACTACT
CTAGCGACACAGAGAGTGAGGACAATTCCTCATGATGCCTCCACGGGATCACCTGGGACTCAGTGTCTT
CTCCATGCTCTGCTGCTTCTGGCCTTTGGGCATCGCGCCTTCTACTTGTCCCATGAGACAAACAAAGCT
GTGGCCAAAGGAGACTTCCATCAGGCCAGCAGCAGCTCCCGAGGGCCCTATTTCTGGCAGTGTGTCCA
TTACGATTGGAAGTGGCATCTATGTGGGTGTAGCTGTTGCCCTATTGCCTACCTCTCAAAAACAACCA
CCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025020
Insert Size: 777 bp



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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_001025020.1</u> , <u>NP_001020191.1</u>
RefSeq Size:	2055 bp
RefSeq ORF:	777 bp
Locus ID:	362235
UniProt ID:	<u>Q58DZ9</u>
Cytogenetics:	3q41
Gene Summary:	May regulate AMPA receptor content at nascent synapses, and have a role in postsynaptic development and maturation.[UniProtKB/Swiss-Prot Function]