

Product datasheet for **SC303977**

Doppel (PRND) (NM_012409) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Doppel (PRND) (NM_012409) Human Untagged Clone
Tag:	Tag Free
Symbol:	Doppel
Synonyms:	dj1068H6.4; DOPPEL; DPL; PrPLP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_012409 edited ATGAGGAAGCACCTGAGCTGGTGGTGGCTGGCCACTGTCTGCATGCTGCTCTTCAGCCAC CTCTCTGCGGTCCAGACGAGGGGCATCAAGCACAGAATCAAGTGAACCGGAAGGCCCTG CCCAGCACTGCCAGATCACTGAGGCCAGGTGGCTGAGAACCGCCCGGAGCCTTCATC AAGCAAGGCCGCAAGCTCGACATTGACTTCGGAGCCGAGGGCAACAGGTAACGAGGCC AACTACTGGCAGTTCCCGATGGCATCCACTACAACGGCTGCTCTGAGGCTAATGTGACC AAGGAGGCATTTGTCACCGGCTGCATCAATGCCACCCAGGCGGCGAACCCAGGGGGAGTTC CAGAAGCCAGACAACAAGCTCCACCAGCAGGTGCTCTGGCGGCTGGTCCAGGAGCTCTGC TCCCTCAAGCATTGCGAGTTTTGGTTGGAGAGGGGCGCAGGACTTCGGGTCACCATGCAC CAGCCAGTGCTCCTCTGCCTTCTGGCTTTGATCTGGCTCATGGTAAATAA
Restriction Sites:	Please inquire
ACCN:	NM_012409
Insert Size:	2000 bp



[View online »](#)

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_012409.2.
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_012409.2 , NP_036541.2
RefSeq Size:	4047 bp
RefSeq ORF:	531 bp
Locus ID:	23627
UniProt ID:	Q9UKY0
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene is found on chromosome 20, approximately 20 kbp downstream of the gene encoding cellular prion protein, to which it is biochemically and structurally similar. The protein encoded by this gene is a membrane glycosylphosphatidylinositol-anchored glycoprotein that is found predominantly in testis. Mutations in this gene may lead to neurological disorders. [provided by RefSeq, Jul 2008]