

Product datasheet for **SC100886**

MANEL (MANEAL) (NM_152496) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MANEL (MANEAL) (NM_152496) Human Untagged Clone
Tag:	Tag Free
Symbol:	MANEL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100886 sequence for NM_152496 edited (data generated by NextGen Sequencing)

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ATGATAACGGGGAGCCCTCAGATGACCTGGTGCCCGCCATTCTGGACACCGCCCATCAGT
ACAGCATCCAGGTATGGCTCCCATGGTGCATTTTACCGCTATAAAGAACAGCATGGGCAAG
AGCCTCCCACTCTTTTATATCTACGACTCATACCTGACGTCCCCCTGAGGCCTGGGCCCAC
CTCCTGACACCAAACGGGCCCATTCGATCCGCAACACGCCCTACGATGGGGTCTTCATA
GCGCTGCTGGTGGAGGAGGGCCACCCACGATATCCTGGCCGCGGATTTGACGGCATG
TACACCTACTTTGCCTCCAATGGTTTCTCCTTTGGTTCTTCCCATCAGAAGTGGAAAGCT
GTGAAGAAGTGTGATGCCAACCAACCTCATGTTTCATCCCCAGTGTGGGGCCTGGCTAC
ATAGACACCAGCATTTCGGCCCTGGAACAACCAACAATACGCGCAACAGGGTCAATGGCAAG
TACTATGAGACGGCCCTGCAGGCGGCCCTGACAGTGAGGCCCAGATCGTTTCCATTACC
TCCTTCAATGAGTGGCAGGAGGCCACCCAGATTGAGAAGGCCATTCCCAAGAAGACACCC
ACCCGCTGTATTTGGACTACCTGCCTCACCAGCCCAGCCTGTACCTGGAGCTGACACGC
CGCTGGGCGGAGCACTTCATCAAAGAGAAGGAGCAGTGGCTCATGTGA
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Clone variation with respect to NM_152496.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_152496 unedited</p> <pre>GGGTCACCATTTGTATACGACTCATATAGGCGGCCGGAATTCGGCACGAGGGTGCAGAG CCTGCGCGTCTACTCGGACCTGCACGCCTTCTACTACTCGTGGTACGGGAGCCCGCGGCG CGAGGGCCACTACATTACTGGGACCACGTCATGGTGCCGCACTGGGACCCCAAGATCTC GGCCAGTACCCCGCGGCCACAGCCCCCAGACGACTTGGGCTCCAGCTTCTACCC GGAGTGGGGCCCTACAGCTCCCGGGACCCCAAGTGTGCGGGAGCATATGACCCAGCT CAAGGAAGCCGCGCATCGGCGTCTGGTCTGTCTGGTACCCACCTGGCATGGCTGATGA TAACGGGGAGCCCTCAGATGACCTGGTGCCCGCATTCTGGACACCGCCATCAGTACAG CATCCAGGTGGCCTTCCACATCCAACCCTACAAGGGCCGGGATGACATCACTGTACATGA CAACATCAAGTACATCATTGACACGTATGGCTCCCATGGTGCATTTTACCCTATAAGAA CAGCATGGGCAAGAGCCTCCCACTCTTTTATATCTACGACTCATACTGACGTCCCTGA GGCCTGGGCCACCTCCTGACACCAAACGGGCCCATTCGATCCGCAACACGCCCTACGA TGGGGTCTTCATAGCGTGTGGTGGAGGAGGGCCACACCACGATATCTGGCCNGCG ATNTGACGGCATGTACACCTACTTGCCTNCAATGGGTTCTCNCCTGGTTCTCCCATCAG AACTGGAAGCTGTGAAGAACTTGTGATGCCAACAACCTCATGTTCCATCCNAGTGTG GGCCTGGCTACATAGACACCAGCATTTCCGGCCTGGAACAACCACATACGCGCACAGGT CAATGGCAGTACATGAGACGGCCTGCAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_152496 unedited</p> <pre>CTAATGAACCGCGGCCGCAATCTAGNGATCGGTTTTTTTTTTTTTTTTTTGAGAATCCAG TTCATATTTAATTACTACTAATCACAGTAGCACTGAACATGGCTCTAGTGTGGGCTC AGTTTCAGGCAGCTAAAGGGAGGGGGATTTCCTCCTAGTCTCCTTAGAGCTAAATATG CATCTGGGAAAAATTAGGCTCTGGAGCACAGAGTATTTTTCTAGAGAAAAAGAACTGA ACTCCCAGCACTAGTAAAACGCAAAAAGAAAAACACCTGTGCCAGGCACTAGTACA AGGCCACACCAGAAAAGGAAAGCTGGGTCTGGAAGCTTCAGGACAGGAATCTTCCTTG GTCAAGTTTTCCCGACCTAGCACATAGGAAGGTGCTTGATGAGTGAGTGTAAATGA ACCTGTGAGTGCTCAGGATGATTTCTGATAATTGGGTTCCAGAACTACTGGGAGGAGC TTAAACCTAGAAGTTCCCTTTTTGAAAGTCTCAAATATGGTTCCCTAACTTAGAGAAGAC AGATGATGTGGGAAGGAGGCTGAGGAGAGGATGCAGGCTGGCAGAAAGGAGCAGGGTGC ATGCGAGCCAGACCCTGACACCCTTCCAAGGGTGGTACTGGGTGGCCACTACACAGCA CCAGCCTGCTGCAGAGTTCAAACTAGAAGGGTTACATGAAAGTGTCCAGGATGTGG AGCTGCCCTGGGTAAGTTCAGTACCTGCCAGCCTCTGCGTTCATCACCACAGAGC ACCTCAGCACCCTCGCCTGAGGACGGGCCCTGTGTTGCACAGGCCCATGCCTGACGG CCCACCAAGAACACCCATCTGCTGACCTCTGACCTGGGAACGAGTGAGTTGGCTCCACC TCAGCTGAACCCACTGGGGACATCTCCAGCAAGCAAGGACATCAGCCCTCCCGCCCTT ACAGGCCCTTCACAGAGCCATTGTTCTTTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152496
Insert Size:	1800 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: [NM_152496.1](#), [NP_689709.1](#)

RefSeq Size: 2341 bp

RefSeq ORF: 708 bp

Locus ID: 149175

UniProt ID: [Q5VSG8](#)

Cytogenetics: 1p34.3

Protein Families: Transmembrane