

Product datasheet for **SC319785**

MANEL (MANEAL) (NM_001031740) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MANEL (MANEAL) (NM_001031740) Human Untagged Clone
Tag:	Tag Free
Symbol:	MANEL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001031740.1
 GGGAAAGCGCGCGGCCGGGCGGCCATGGCGCGCACGCTGGGAGGTAGCGCGCGGC
 TGCAGGAGCGCACAGTCGGCCATGGCCCGGCGCGGCCCGCCTGCATCGCTCTGTT
 CTGGTGTCTCTTCGCCTTCGGCACCCATCATGGGTCTGCGCACGCTCAAGGCTCCGGAC
 GGACTCCCGGCGCTGGGCCGGGCTGGAGCTGGCGCCCTTTGAGCGACGCCAGAGGGG
 GCCCCCCGCGCCGCTGCCAGGGCCCCGGCAGCCCTGCCGCGCCGCCCGCGCCGCCG
 CCGCCCCGACCGCGGACCTGGCGGCTCCCCTGGGCGGCACCCGCGGAGGCCGAGCCC
 GCCCCCGTGCAGAGCCTGCGCGTCTACTCGGACCTGCACGCCCTTACTACTCGTGGTAC
 GGGAGCCCGCGCGGAGGGCCACTACATTCAGTGGGACCACGTATGGTGCCGCACTGG
 GACCCCAAGATCTCGGCCAGTACCCCCGCGGCCACAGCCCCCAGACGACTGGGC
 TCCAGTCTACCCGGAGCTGGGGCCCTACAGCTCCCGGACCCCGAAGTGTGCGGGAG
 CATATGACCCAGCTCAAGGAAGCCGCCATCGGCGTCTGGTCTGTCTGGTACCCACT
 GGCATGGTGTATATAACGGGGAGCCCTCAGATGACCTGGTGCCCGCCATTCTGGACACC
 GCCCATCAGTACAGCATCCAGTGGCCTCCACATCCAACCTACAAGGGCCGGGATGAC
 ATCACTGTACATGACAACATCAAGTACATCATTGACACAACCTGGAAGCTGTGAAGA
 AACTTTGTGATGCCAACCAACCTCATGTTTATCCCAAGTGTGGGCGCTGGCTACATAGAC
 ACCA GCATTCGGCCCTGGAACAACCAATAACGCGCAACAGGGTCAATGGCAAGTACTATGAGA
 CGGCCCTGCAGGCGGCCCTGACAGTGAAGCCCGAGATCGTTTCCATTACCTCCTTCAATG
 AGTGGCACGAGGGCAGCCAGATTGAGAAGGCCATTCCCAAGAAGACCCACCCGCTGT
 ATTTGGACTACCTGCCTCACCAGCCAGCCTGTACCTGGAGTGCACGCGCGTGGGCGG
 AGCACTTCATCAAAGAGAAGGAGCAGTGGCTCATGTGAGGGGCTGTAATGGCGTGTAG
 GTGCTGATGTCCTTGCCTTGTGGAAGATGTACCATGTGGGTTTCAGCTGAGGTTGTAG
 CCACTACTCGTTCACAGTTCAGAGGTCAGCAGATGGGTGTTTCTGGTGGGCGGTCAGG
 CATGGGCGCTGTGCAACACAGAGCCCGTTCCTCAGGCGAGTGGTGTGAGGTGCTGTGG
 TGATGGGAACGGCAGAGGCTGGCAGGTGACTGAACTTAGCCAGGGCAGCTCCACATCCT
 GGAACACTTTTATGTAACCCCTTCTAGTTTTGAACTCTGCAGCAGGCTGGTGTGTGTA
 GTGGCCACCCAGTACCACCCCTTGAAGGGTGTGAGGCTGGGCTCGCATGCACCCTGC
 TCCCTTCTGCCAGCCTGCATCCTCCTCAGGCCTCCTCCACATCATCTGTCTTCTCT
 AAGTTAGGAACCATATTTGAGACTTTCAAAAAGGGAACCTTAGGTTTAAAGCTCCTCCC
 AGTAGATTCTGAACCAATTATCAGGAAATCATCCTGAGCACTACAGGTTTCAATTAAC
 ACTCACTCATCAAGCACCTTCTATGTGCTAGGTGCTGGGAAAACCTTGACCAAGGAAGA
 GTTCTGTCTGAAGCTTCCAGGACCCAGCTTTCTTTTCTGGTGTGGCCTTGTAGCTAG
 TGCTGGGCACAGGTGTTTTTCTTTTTCAGTTTTACCTAGTGTGGGAGTTCAGTTCTT
 TTTCTCTAGAAAAATACCTCTGTGCTCCAGAGCCTAATTTTTCCAGATGCATATTTAG
 CTCTAGGGAGAGGACTAGGAGGAAATCCCCCTCCCTTTAGCTGCCTGAACTGAGGCCAC
 TCACTAGAGCCATGTTTCAAGTGTACTGTGATTAGTAGTAATTAATGAAGTGGTATTC
 TCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001031740

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001031740.1](#), [NP_001026910.1](#)

RefSeq Size: 2120 bp

RefSeq ORF: 753 bp

Locus ID: 149175

UniProt ID: [Q5VSG8](#)

Cytogenetics: 1p34.3

Protein Families: Transmembrane