

Product datasheet for **SC327774**

OLIG1 (NM_138983) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OLIG1 (NM_138983) Human Untagged Clone
Tag:	Tag Free
Symbol:	OLIG1
Synonyms:	BHLHB6; BHLHE21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138983, the custom clone sequence may differ by one or more nucleotides ATGTAATGCGGTTTCCAGGCGCGTGAACGCGGTCCCCGGGACCATGCTGCGGCCA CAGCGGCCCGGAGACTTGACGCTCGGGGCTCCCTCTACGAGCTGGTGGGCTACAGGCAG CCGCCCTCCTCCTCCTCCTCCACCTCCTCCACCTCCTCCACTTCTCCTCCTCCACG ACGGCCCCCTCCTCCCAAGGCTGCGCGGAGAAGCCGGAGGCGCCGGCCGAGCCTCCA GGCCCCGGGCCCGGTGACGGCGCACCCGGGCGCAGCGCCCGCCGGACGCCAAGGAG GAGCAGCAGCAGCTGCGGCGCAAGATCAACAGCCGCGAGCGGAAGCGCATGCAGGAC CTGAACCTGGCCATGGACGCCCTGCGCGAGGTATCCTGCCCTACTCAGCGGCGCACTGC CAGGGCGCGCCCGCCGCAAGCTCTCCAAGATAGCCACGCTGCTGCTCGCCCGCAACTAC ATCCTACTGCTGGGCAGCTCGCTGCAGGAGCTGCGCCGCGGCTGGGCGAGGGCGCCGGG CCCGCCGCGCCGCGCTGCTGCTGGCCGGGCTGCCCTGCTCGCCGCGCGCCCGGCTCC GTGCTGCTGGCGCCCGGCCGTAGGACCCCCGACGCGCTGCGCCCGCCAAGTACCTG TCGCTGGCGCTGGACGAGCCGCGTGCAGCCAGTTCGCTCTCCCGCGCGCGCCGAGGC GGCCCCGGCCTTGACCTGCGCCGTGTGCAAGTTCGCGACCTGGTCCCGGCCAGCCTG GGCCTGGCCGCGTGCAGGCGCAATTCTCCAAG
Restriction Sites:	Please inquire
ACCN:	NM_138983
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).



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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:	<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_138983.2 , NP_620450.2
RefSeq Size:	2293 bp
RefSeq ORF:	816 bp
Locus ID:	116448
UniProt ID:	Q8TAK6
Cytogenetics:	21q22.11
Protein Families:	Druggable Genome
Gene Summary:	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube (By similarity).[UniProtKB/Swiss-Prot Function]