

## Product datasheet for SC214227

### OLIG2 (NM\_005806) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	OLIG2 (NM_005806) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OLIG2
Synonyms:	BHLHB1; bHLHe19; OLIGO2; PRKCBP2; RACK17
ACCN:	NM_005806
Insert Size:	1381 bp
Insert Sequence:	>SC214227 3'UTR clone of NM_005806 The sequence shown below is from the reference sequence of NM_005806. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCCGCGCCTCACCTCCGACGCCAAGTGAAGCCGACTGGCGCCGGCGCGTTCTGGCGACAGGGGAGCCA
GGGGCCGCGGGGAAGCGAGGACTGGCCTGCGCTGGGCTCGGGAGCTCTGTGCGAGAGGGGCGCAGGA
CCATGGACTGGGGGTGGGCATGGTGGGATTCCAGCATCTGCGAACCAAGCAATGGGGCGCCACACA
GAGCAGTGGGGAGTGAGGGGATGTTCTCTCCGGGACCTGATCGAGCGCTGTCTGGCTTTAACCTGAGCT
GGTCCAGTAGACATCGTTTTATGAAAAGGTACCGCTGTGTGCATTCTCTACTAGAACTCATCCGACCCC
CGACCCCCACCTCCGGGAAAAGATTCTAAAACTTCTTTCCCTGAGAGCGTGGCCTGACTTGCGAGACTC
GGCTTGGGCAGCACTTCGGGGGGGAGGGGGTGTATGGGAGGGGGACACATTGGGGCCTTGCTCCTCT
TCCTCCTTTCTTGGCGGGTGGGAGACTCCGGGTAGCCGCACTGCAGAAGCAACAGCCGACCCGCGCCT
CCAGGGTCGTCCTGGCCCAAGGCCAGGGGCCACAAGTTAGTTGGAAGCCGGCGTTCCGTATCAGAAGC
GCTGATGGTCATATCCAATCTCAATATCTGGGTCAATCCACACCTCTTAGAACTGTGGCCGTTCTCTCC
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CACAAAGTGATTTGGTTATTTTGGTACCTGAGAACGTAACAGAAATTAAGGAGCAGTTGCTGTGGAACA
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TTCCGTCGAAGCCGCTCGGCGCTGCCGCTGCGTTGCAAACCTGGGCTTTGTAGCGTCTCCGTGTAACACC
CTTCTCTGATCGCACCCGCCCTCGCAGAGAGTGTATCATCTGTTTTATTTTGTAAAAACAAAGTGTCT
AAATAATATTTACTTGTGTTGGTTCAAAAACGGAATAAATGACTGAGTGTTGAGATTTTAAATAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_005806.4</a></u>
<b>Summary:</b>	This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	10215
<b>MW:</b>	50.7