

Product datasheet for **SC210564**

OTX1 (NM_014562) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	OTX1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_014562
Insert Size:	1545 bp



Insert Sequence:

>SC210564 3'UTR clone of NM_014562

The sequence shown below is from the reference sequence of NM_014562. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAAGCCTCATGGCGGTTCCAGGTCTTGTAGGCCAGGAATGAAAGAGGAGAAGAAACGCAACTACCTGC
GCCCTCCGTGGTCCCGATCCTGTTGCTGCTGCTGCACCGCCCGCCTTTGCCTCGTCTTCTCCAAAACCTG
AATTTTACCCCCCAAAAGATGTCCATTGCCTGCACTGCCGCCCCCATTTTGTGCCACTTGCTTGGG
GGGATGTGCAAAACCCACCCTGCCCTTGGATGGGGGACCGGTGCTTCGGCTTGGCCTACACATTCTAT
ACAGGAGAGATGTATTATTTCCCCCTTCAGCCCTACTAACTCTTAAGCCTCCCCTTCCAGTCTTTC
TGGACAGCTATTAAGCACTTGACGCTTCCGAGGCTCTGCGCTCTGATCCGCTGTTTGTAGCCCAACACT
TTAATTTATCTTTCTGGACACTGGAGTCACTAACTGGCGTGTCTGCCATTGGAGCACCCGCACAC
TACTCCAAATCAAACCACTAAGAGTTCCTCCGCGCAGACTGCTGCCCTTCAGCTGCCCTCGATTTT
GCTCCACGCTGCCGGCCAGAGCCTCCCGCGTTCCTCCGCCCGAGCGAGTGCCTGGGGCGCGCCA
GGGCTAGGCCCGCGGAGGAGCGCTCCCGAGCCTTCCGCGCACAGAGCCGCATCCCGCCCCGCCCTGC
GCTGGACTGGTTCAAGCTTCCGCTCGGCGGGAACGCTGTACATAGTCAGGTCCGTTCCAGGGACCACT
TAACTTTTTAGTTGCTGTTGGTTGGTTGAACTGAACATATCTTGCTTAGCACCCAGGAACAGAACT
TTAAGATATATACAGCACATATATATATATATACATATATATACATATATAAAAAACAAAGCAA
AAAATATTTTCCCTCTGCTCCGTCCTCCCTTCTGCTCTTCTCAATCAATGGCGCTTTTCTTTTTCAGTT
GTTGCAAGCTGCCCTGCCCTCTTACATCTTCTCCCTCTGTGATTTATTGAAGAGAACCCTTGGTT
TCAGGAAGCTGGGCGCGGATATCCGAAGTGTGGAGGAAACAGACAAGTCAGGTACAGAGTGGGGGT
TGGGCAGGGCGCAGGGCTGACCCCTCACCCGCTCTAAGCACAGGGTCGAGTTCAGTTTACAAACC
TAAACAAGAAAAACCAAAACAGGGAACAAACAAACAAACAAACAAATCCGTAAAGTACAGCATT
AGGGAAAAACAAACAAACCCAGGCCCAACCCAGTTCCTCACTCTGTCGGCTTCTCTTTTCAACA
CCCTTGTGTTGTCTAGTGAGTTTTAGTGCACCTTCGTTCTCCGAAATCTGCGGAGAGCCCGCGCCT
GTGATCAATTTTGGCTTTGGCCGCTTCGTCCAGTAGGTGGGAAAGTAATTTGTAATTTGATTTGTCT
GATGTGAAGATCACAATTACTTGTGAAATGTAAGGCAGTCCCCCTCCTCTTTATCTACATTACT
TCCGAAAAATAATGCAATTAATGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

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).

Components:

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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_014562.4

Summary:	This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. A similar protein in mouse is required for proper brain and sensory organ development and can cause epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Locus ID:	5013
MW:	57.2