

## Product datasheet for **SC213793**

### **PAX3 (NM\_181459) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PAX3 (NM\_181459) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PAX3  
**Synonyms:** CDHS; HUP2; WS1; WS3  
**ACCN:** NM\_181459  
**Insert Size:** 1317 bp  
**Insert Sequence:** >SC213793 3'UTR clone of NM\_181459

The sequence shown below is from the reference sequence of NM\_181459. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
AGTGGAGAAGAGGAAGACCTGGAGCAATAAAAGACAAATGCAACATTTTAAAGCAATGGTTTCACATGG
TTACATATCAAAACATCCCAATTTCTTAGTGTGATCATCGAGGAGCTAGAACATTCATTTGCTTGTG
TGCGTGCCTGCGTGTGTGTGTGTGTGTATTGAGATTTACCCAGACTGGTTTGGGCAAGCAGACTG
TTCTAAAATATAATAGAATACCCTAAAGTATAACATGTCGATGTTTCGATGCTGATACTTCTACAACCTT
AAAAGTCTCATTTCATGAAGCAAGAATGGAGGAATCCTTGACTTTACACACTGGAAATGAAATAAA
GATAAATGCAACCATTTTAGGAAGCTAGACTAGCTGTAAGGACCTCCTAAATAAATTATTTGTTACT
GTATCCTCATTTGTAATCTAGTTGTCAATAAATGGCCCGGACATGCTTGCTAACAGGATATGGGCTAC
CAGGAAGAAGGACTTGTTCCTTTCTGTGTGGGAGAGGTGTGTGACGTTTTTCCAGTTCACATTTA
TTTGGTAGCCACCTGGGTTGGAGGAAGGGCACGGTGGAGAGAAAGTGACATGCATTCACATATCTGCT
TATCAGTGTGCAATACTGTGTACCTCATGGATGCTTTGGCAATGCCAAGGCGATATAAGCAAAATCAG
AAGTATATTTTTGCAGGTGCTTTATTTTACAGCCATAATTCATAGTGATAGAGTGACAGTGATGTTT
GCCATTTGCTGGACAACCAACCCGGGTTGCTCCTTTGATTAGAGACCAGATCAGATAATTATGCTTT
TAAACTGATTACGTTTACATTCTCTCTTTCTATGAAAGGCAGGGCAAGAACAGAAGTGTTCACATGG
CTCTCATGTACTTTTAAATTATAACAATGATATCCAATATTAAGATTATAGGAACTGAGGTTTACATA
CGTTTGTGTGGTACATTTTAGAATGTCAATAAATTTGCTTTTGGAGATGTTGAGAGGAACAAGAAGGT
GGAAGGCAGTGTATTTATTTCTTTCTATTCTTGAACCACGAATGAGGTAGGCACAAATACATTCCTT
TTAGAGTTAAGAACTATGACGTAGCGAGTTAGTGAGACTAGACATAGTACCGAATTTAGTTCATGCATT
GGTCTTAGAGGGTGATGGAACAAGAGAAGTACTATCTTTGTGTGCGCCTCAACCAACAACAATGTGT
TGTAATAATGTCTTTCATGTAAAAAGTGCAGTAAATATTTACTATTTATAATGAATAACAGTTATGAA
AACTTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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>	<a href="#">NM_181459.4</a>
<b>Summary:</b>	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	5077
<b>MW:</b>	50.6