

Product datasheet for **SC202403**

PAX3 (NM_181457) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAX3 (NM_181457) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAX3
Synonyms:	CDHS; HUP2; WS1; WS3
ACCN:	NM_181457
Insert Size:	241 bp
Insert Sequence:	>SC202403 3'UTR clone of NM_181457 The sequence shown below is from the reference sequence of NM_181457. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATGGACAAAGTAAGCCTTGGACTTTTTAGGGGGCAATTTCTCCTGGAAGGGAGATAAACTCAACTCTT CCTTAAGAAAGGTGAATTAGAGGCAAGATTAAGCCACACATGCCGTATCAATTTTTTTTTTTTTTTTGC AAAGCCAGCTGACTGTTCCAGCAGGGGCTCCTTGTGTAATTATTTCTTAACTGATGTCAACAACATC TTGCGGTTATTAATTGTTGAGACGTGAAACCTGA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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.
RefSeq:	<u>NM_181457.4</u>



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Summary:

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]

Locus ID:

5077

MW:

9.1