

Product datasheet for **SC200511**

PAX3 (NM_013942) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAX3 (NM_013942) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAX3
Synonyms:	CDHS; HUP2; WS1; WS3
ACCN:	NM_013942
Insert Size:	118 bp
Insert Sequence:	>SC200511 3'UTR clone of NM_013942 The sequence shown below is from the reference sequence of NM_013942. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCCTGGTCTCCGGAGTTTCTCGCATTAAGGAGAGAGAGAGAGACTCTTTTGGGCAACGGCCCT CCAAAATTGCCCCACATTGGCTGCCTTATAAATATGTCTGTGTGTTGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_013942.5</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: 4.4