

Product datasheet for SC330398

Nkx3.1 (NKX3-1) (NM_001256339) Human Untagged Clone

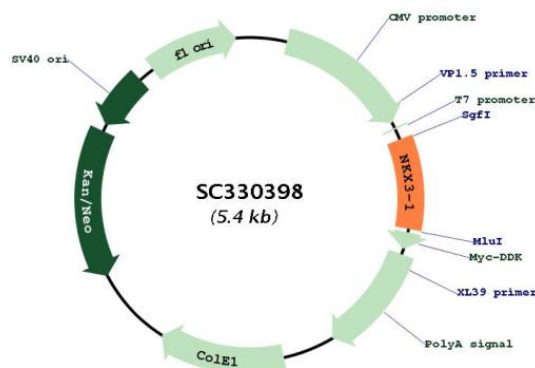
Product data:

Product Type:	Expression Plasmids
Product Name:	Nkx3.1 (NKX3-1) (NM_001256339) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKX3-1
Synonyms:	BAPX2; NKX3; NKX3.1; NKX3A
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330398 representing NM_001256339. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTCAGGGTCCGGAGCCGGCCCGGGGAGGCCGAGACGCTGGCAGAGACCGAGCCAGAAAGGCAC
TTGGGGTCTTATCTGTTGGACTCTGAAAACACTTCAGGCGCCCTTCCAAGGCTTCCCAAACCCCTAAG
CAGCCGCAGAAGCGCTCCCGAGCTGCCTTCTCCACACTCAGGTGATCGAGTTGGAGAGGAAGTTCAGC
CATCAGAAGTACCTGTCGGCCCTGAACGGGCCACCTGGCCAAGAACCTCAAGCTCACGGAGACCCAA
GTGAAGATATGGTTCAGAACAGACGCTATAAGACTAAGCGAAAGCAGCTCTCCTCGGAGCTGGGAGAC
TTGGAGAAGCACTCCTCTTTGCCGGCCCTGAAAGAGGAGGCCTTCTCCCGGCCTCCCTGGTCTCCGTG
TATAACAGCTATCCTTACTACCCATACCTGTACTGCGTGGGCAGCTGGAGCCAGCTTTTGGTAA
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Restriction Sites: SgfI-MluI

Plasmid Map:



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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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ACCN:	NM_001256339
Insert Size:	480 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001256339.1
RefSeq Size:	3024 bp
RefSeq ORF:	480 bp
Locus ID:	4824
UniProt ID:	Q99801
Cytogenetics:	8p21.2
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Pathways in cancer, Prostate cancer
MW:	18.4 kDa
Gene Summary:	<p>This gene encodes a homeobox-containing transcription factor. This transcription factor functions as a negative regulator of epithelial cell growth in prostate tissue. Aberrant expression of this gene is associated with prostate tumor progression. Alternate splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jan 2012]</p> <p>Transcript Variant: This variant (2) lacks a segment in the coding region but maintains the reading frame, compared to variant 1. This variant encodes isoform 2, which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>