

Product datasheet for **SC306443**

nkx6.3 (NKX6-3) (NM_152568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	nkx6.3 (NKX6-3) (NM_152568) Human Untagged Clone
Tag:	Tag Free
Symbol:	nkx6.3
Synonyms:	NKX6.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306443 representing NM_152568. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCAGGGGCAGCTGGCACCTGGGTCTAGGCTTTGCTCAGGGCCCTGGGGCCTCCCCGAGCTCCAA
CCCCTGCGCCCTCCTCATCAGCCGCTCAGCTGCCCTGGGGCAGAGCTGGGGGAAGAAGCAGACACT
CCTGCATGCTTTTCTGCTTCTGGGGTGTGGTCCAGAACCGCAGGACCAAGTGCGGAAGAAGAGCGCC
CTGGAGCCCTCGTCTCCACGCCCGGGCCCGGGCGCGGGTGCAGGCGCAGCGGGGACCGCGCA
CCCTCGGAGAACGAGGACGACGAGTACAACAAGCCGCTGGACCCGACTCGGACGACGAGAAGATCCGC
CTGCTGCTGCGCAAGCACCGCGCCCTTCTCGGTGCTCAGCCTGGGAGCGCACAGCGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_152568
Insert Size:	408 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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_152568.3
RefSeq Size:	1683 bp
RefSeq ORF:	408 bp
Locus ID:	157848
UniProt ID:	A6NJ46
Cytogenetics:	8p11.21
MW:	14.3 kDa
Gene Summary:	The NKX family of homeodomain proteins controls numerous developmental processes. Members of the NKX6 subfamily, including NKX6-3, are involved in development of the central nervous system (CNS), gastrointestinal tract, and pancreas (Alanentalo et al., 2006 [PubMed 16326147]).[supplied by OMIM, Mar 2008]