

Product datasheet for **SC214338**

Nkx2.5 (NKX2-5) (NM_001166175) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Nkx2.5 (NKX2-5) (NM_001166175) Human 3' UTR Clone
Symbol:	Nkx2.5
Synonyms:	CHNG5; CSX; CSX1; HLHS2; NKX2.5; NKX2E; NKX4-1; VSD3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001166175
Insert Size:	1418 bp



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Insert Sequence:	<p>>SC214338 3'UTR clone of NM_001166175 The sequence shown below is from the reference sequence of NM_001166175. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGACCCTAGAGCCGAAAAGAAAGCCTGA AATTTTAAGTCACCGTCTGTCTCCCTCACCAGGGTGTGA ACTGCCCCGAGGGCAGAGACCTCCCGTTTTGTTCTCCAGCGCCTTGAGCCAGCCTGACTTTCTACAAT GCTGAGTGAGACGTGTCGGTGGCTCCCAGTGCCTTGGCAGAGTGAGCCGAGCCAGCTGGGCGCTCCA GGCAGGACACAGTGGCTCCACGAGGATCCCTTACCATTACTGTGCGGCCGCGCTCCGTAGGTCAAGCC GCTCTTACCAAGCGTCTCTGCTCTCTGTTCCCTCAGAGCTGTGCGCGCTGCAGAAGGCGGTGGA GCTGGAGAAGACAGAGGGGACAACCGGGAGCGGCCCCGGGCGCACGGCGGAGGAAGCCGCGGTGCT CTTCTCGCAGGCGCAGGTCTATGAGCTGGAGCGGCGCTTCAAGCAGCAGCGGTACCTGTCGGCCCCCGA ACGCGACCAGCTGGCCAGCGTGTGAACTCACGTCCACGAGGTCAAGATCTGGTTCCAGAACCAGGCG CTACAAGTGCAAGCGGCAGCGGCAGGACCAGACTCTGGAGCTGGTGGGGCTGCCCCGCGCCGCCGCC GCCTGCCCGCAGGATCGCGGTGCCAGTGTGGTGCAGGATGGCAAGCCATGCCTAGGGGACTCGGCGCC CTACGCGCCTGCCTACGGCGTGGGCTCAATCCCTACGTTATAACGCCTACCCCGCCTATCCGGTTA CGGCGGCGCGGCTGCAGCCCTGGCTACAGCTGCCTGCGCTTACCCCGCCGGGCTTCCCCAGCGCA GCCGGCCACTGCCGCCGCAACAACAACCTTCGTGAACTTCGGCGTCGGGGACTTGAATGCGGTTCAAG CCCCGGGATCCGAGAGCAACTCGGGAGTGTCCACGCTGCATGGTATCCGAGCCTGGTAGGGAAGGGA CCCGCGTGGCGCAGCCCTGACCGATCCACCTCAACAGCTCCCTGACTCTCGGGGGAGAAAGGGGCTCC CAACATGACCCTGAGTCCCCTGGATTTTGCACTCCTGCGGAGACCTAGGAATTTTTCTGTCCCA CGCGCGTTTGTCTTGGCAGCGGAGAGTTTGTGGCGGCGATTATGCAGCGTGCAATGAGTGATCCTGC AGCCTGGTGTCTTAGCTGTCCCCCAGGAGTGCCTCCGAGAGTCCATGGGCACCCCGGTTGAACTG GGACTGAGCTCGGGCACGCAGGGCTGAGATCTGGCCGCCATTCCGCGAGCCAGGGCCGGGCGCCCGG GCCTTTGCTATCTCGCCGTCGCCCGCCACGCACCCACCCGATTTATGTTTTTACCTATTGCTGTAAG AAATGACGATCCCTTCCCATTAAAGAGAGTGCGTTGA ACGCGT AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATCCACCGCCGCTTCTATGAAAGG</pre>
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:	NM_001166175.2
Summary:	This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]
Locus ID:	1482

MW: 49.8