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Product datasheet for SC206270

Nkx2.5 (NKX2-5) (NM_004387) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Nkx2.5 (NKX2-5) (NM_004387) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: NKX2-5

Synonyms: CHNG5; CSX; CSX1; HLHS2; NKX2.5; NKX2E; NKX4-1; VSD3

ACCN: NM_004387

Insert Size: 490 bp

Insert Sequence:

>SC206270 3'UTR clone of NM_004387
The sequence shown below is from the reference sequence of NM_004387. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCACGCTGCATGGTATCCGAGCCTGGTAGGGAAGGGACCCGCGTGGCGCGACCCTGACCGATCCCACC
TCAACAGCTCCCTGACTCTCGGGGGGAGAAGGGGCTCCCAACATGACCCTGAGTCCCCTGGATTTTGCA
TTCACTCCTGCGGAGACCTAGGAACTTTTTCTGTCCCACGCGCGTTTGTTCTTGCGCACGGGAGAGTTT
GTGGCGGCGATTATGCAGCGTGCAATGAGTGATCCTGCAGCCTGGTGTCTTAGCTGTCCCCCCAGGAGT
GCCCTCCGAGAGTCCATGGGCACCCCCGGTTGGAACTGGGACTGAGCTCGGGCACGCAGGGCCTGAGAT
CTGGCCGCCCATTCCGCGAGCCAGGGCCGGGCGCCCGGGCCTTTGCTATCTCGCCGTCGCCCGCCCACG
CACCCACCCGTATTTATGTTTTTACCTATTGCTGTAAGAAATGACGATCCCCTTCCCATTAAAGAGAGT
GCGTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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: NM_004387.4

View online »

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: 17.7