

## Product datasheet for **SC213934**

### **NBL1 (NM\_005380) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	NBL1 (NM_005380) Human 3' UTR Clone
Symbol:	NBL1
Synonyms:	D1S1733E; DAN; DAND1; NB; NO3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005380
Insert Size:	1353 bp



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**Insert Sequence:** >SC213934 3'UTR clone of NM\_005380  
 The sequence shown below is from the reference sequence of NM\_005380. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACACAGAGGAAGAGGGGCTGAGGACTGAGGCCCCCAACTCTTCTCCCTCTCATCCCCTGTGG
AATGTTGGGTCTCACTCTCTGGGGAAGTCAGGGGAGAAGCTGAAGCCCCCTTTGGCACTGGATGGACT
TGGCTTCAGACTCGGACTTGAATGCTGCCCGTTGCCATGGAGATCTGAAGGGGCGGGTTAGAGCCAA
GCTGCACAATTTAATATATTCAAGAGTGGGGGAGGAAGCAGAGGTCTTCAGGGCTCTTTTTTTGGGG
GGGTGGTCTCTTCTGTCTGGCTTCTAGAGATGTGCTGTGGGAGGGGAGGAAGTTGGCTGAGCCATT
GAGTGTGGGGAGGCCATCCAAGATGGCATGAATCGGGCTAAGGTCCCTGGGGTGCAGATGGTACTG
CTGAGGTCCCGGCTTAGTGTGAGCATCTGCCAGCCTCAGGCTTGAGGGAGGGTGGGCTAGAAAGAC
CACTGGCAGAAACAGGAGGCTCCGGCCACAGGTTTCCCAAGGCCTCTACCCCACTTCCCATCTCCA
GGGAAGCGTCGCCCCAGTGGCACTGAAGTGGCCCTCCCTCAGCGAGGGGTTGGGAGTCAAGCCTGGG
CAGGACCTGCTGACTCGTGGCGCGGGAGCTGGGAGCCAGGCTCTCCGGGCTTTCTCTGGCTTCCCTTG
GCTTGCCTGGTGGGGGAAGGGGAGGAGGGGAAGAAGGAAAGGGAAGAGTCTTCCAAGGCCAGAAGGAGG
GGGACAACCCCCAAGACCATCCCTGAAGACGAGCATCCCCCTCCTCCTGTTAGAAATGTTAGTGC
CCCGCACTGTGCCCAAGTTCTAGGCCCCAGAAAGTCCAGAGCCGGCCGCTTCTCCCCTCTCCC
AGGGATGCTCTTTGTAATATCGGATGGGTGTGGGAGTGAAGGGTTACCTCCCTCGCCCCAAGGTTCCA
GAGGCCCTAGGCCGGATGGGCTCGCTGAACCTCGAGGAAGTCCAGGACGAGGAGGACATGGGACTTGGC
TGGACAGTCAGGGTTCATTGGGCTCTCTAGCTCCCAATTCGCCTGCCTCCCTCCCAGCTGC
ACTTTAACCCCTAGAAGGTGGGGACCTGGGGGAGGGACAGGGCAGGCGGGCCCATGAAGAAAGCCCTC
GTTGCCAGCACTGTCTGCGTCTGCTTCTGTGCCAGGGTGGCTGCCAGCCCACTGCCTCCTGCCTG
GGTGGCCTGGCCCTCCTGGCTGTTGCGACGCGGGCTTCTGGAGTTGTCAACATTGGACAGTCTCCCT
GATGGACCCTCAGTCTTCTCATGAATAAATTCCTTCAACGCC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
```

**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\\_005380.8](#)

**Summary:**

This gene product is the founding member of the evolutionarily conserved CAN (Cerberus and DAN) family of proteins, which contain a domain resembling the CTCK (C-terminal cystine knot-like) motif found in a number of signaling molecules. These proteins are secreted, and act as BMP (bone morphogenetic protein) antagonists by binding to BMPs and preventing them from interacting with their receptors. They may thus play an important role during growth and development. Alternatively spliced transcript variants have been identified for this gene. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GeneID 440574) have been observed. [provided by RefSeq, May 2013]

**Locus ID:**

4681

**MW:**

48.4