

## Product datasheet for **RG233379**

### **NBL1 (NM\_001204084) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NBL1 (NM\_001204084) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** NBL1  
**Synonyms:** D1S1733E; DAN; DAND1; NB; NO3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG233379 representing NM\_001204084  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGCTTCGGGTCCTGGTGGGGGCTGTCTCCCTGCCATGCTACTGGCTGCCACCACCCATCAACA  
 AGCTGGCACTGTTCCAGATAAGAGTGCCTGGTGCAGCAAGCAAGAACATCACCCAGATCGTGGGCCACAG  
 CGGCTGTGAGGCCAAGTCCATCCAGAACAGGGCGTGCCTAGGACAGTGCCTCAGCTACAGCGTCCCCAAC  
 ACCTTCCCACAGTCCACAGAGTCCCTGGTTCAGTGTGACTCCTGCATGCCAGCCAGTCCATGTGGGAGA  
 TTGTGACGCTGGAGTGCCCGGGCCACGAGGAGTCCCCAGGGTGGACAAGCTGGTGGAGAAGATCCTGCA  
 CTGTAGCTGCCAGGCCTGCGGCAAGGAGCCTAGTCACGAGGGGCTGAGCGTCTATGTGCAGGGCGAGGAC  
 GGGCCGGGATCCCAGCCCGGCACCCACCCTCACCCCATCCCCACCCCATCCTGGCGGGCAGACCCCTG  
 AGCCCCAGGACCCCCCTGGGGCCCCCACACAGAGGAAGAGGGGGCTGAGGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG233379 representing NM\_001204084  
 Red=Cloning site Green=Tags(s)

MMLRVLVGAVLPAMLLAAPPPIKLLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLGCFSYSVNP  
 TFPQSTESLVHCDSCMPAQSMWEIVTLECPGHVEVPRVDKLVKILHCSQCACGKEPSHEGLSVVYQGED  
 GPGSQPGTHPHPHPHPGGQTPEPEDPPGAPHTEEEGAED

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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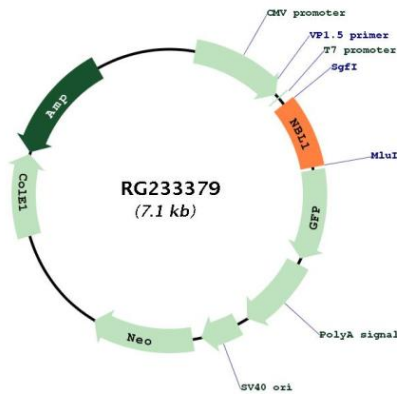


**Cytogenetics:** 1p36.13

**Protein Families:** Secreted Protein

**Gene 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]

**Product images:**



Circular map for RG233379