

Product datasheet for **RG233380**

NBL1 (NM_001204085) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NBL1 (NM_001204085) 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: >RG233380 representing NM_001204085
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGCTTCGGGTCCTGGTGGGGGCTGTCTCCCTGCCATGCTACTGGCTGCCACCACCCATCAACA
AGCTGGCACTGTTCCAGATAAGAGTGCCTGGTGCAGCAAGAACATCACCCAGATCGTGGGCCACAG
CGGCTGTGAGGCCAAGTCCATCCAGAACAGGGCGTGCCTAGGACAGTGCCTCAGCTACAGCGTCCCCAAC
ACCTTCCCACAGTCCACAGAGTCCCTGGTTCAGTGTGACTCCTGCATGCCAGCCAGTCCATGTGGGAGA
TTGTGACGCTGGAGTGCCCGGGCCACGAGGAGGTGCCAGGGTGGACAAGCTGGTGGAGAAGATCCTGCA
CTGTAGCTGCCAGGCCTGCGGCAAGGAGCCTAGTACGAGGGGCTGAGCGTCTATGTGCAGGGCGAGGAC
GGGCCGGGATCCCAGCCCGGCACCCACCCTCACCCCATCCCCACCCCATCCTGGCGGGCAGACCCCTG
AGCCCCAGGACCCCCCTGGGGCCCCCACACAGAGGAAGAGGGGGCTGAGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG233380 representing NM_001204085
Red=Cloning site Green=Tags(s)

MMLRVLVGAVLPAMLLAAPPPIKLLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLGCQFSYSVNP
TFPQSTESLVHCDSCMPAQSMWEIVTLECPGHVEVPRVDKLVKILHCSQCACGKEPSHEGLSVVYQGED
GPGSQPGTHPHPHPHPGGQTPEPEDPPGAPHTEEEGAED

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



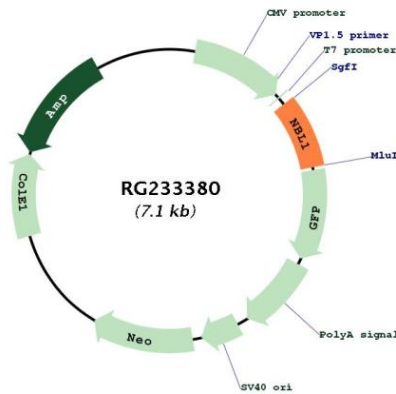
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Cytogenetics: 1p36.13

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 RG233380