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Product datasheet for RC201954L3V

NBL1 (NM_005380) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NBL1 (NM_005380) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NBL1
Synonyms:	D1S1733E; DAN; DAND1; NB; NO3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005380
ORF Size:	540 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201954).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005380.4, NP_005371.1
RefSeq Size:	2184 bp
RefSeq ORF:	546 bp
Locus ID:	4681
UniProt ID:	P41271
Cytogenetics:	1p36.13
Domains:	DAN, CT
Protein Families:	Secreted Protein

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MW: 19.3 kDa

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]