

## Product datasheet for **MC207331**

### Ndp (NM\_010883) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ndp (NM_010883) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ndp
Synonyms:	N; ND; Ndph
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207331 representing NM_010883 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAAATCATGTACTAGCTGCATCCATTTCTATGCTCTCCCTGCTGGCCATAATGGGAGATACAGACA  
GCAAAACAGACAGTTCAATTTCTGATGGACTCTCAACGCTGCATGAGACACCATTATGTCGATTCTATCAG  
TCAACCACTGTACAAATGTAGCTCAAAGATGGTGTCTCTGGCCAGATGTGAGGGGCACTGCAGCCAGGCA  
TCAGCTCTGAGCCCTTGGTGTCTTCAAGCAACCTTTCCGTTCTCTGCTACTGCT  
GCCGACCCAGACTTCCAAGCTGAAGGCTCTGCGTCTGCGCTGCTCAGGGGGCATGCGACTTACTGCCAC  
TTACCGGTACATCTCTCTGCTACTGTGAGGAATGCAGCTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja3259\\_f12.zip](https://cdn.origene.com/chromatograms/ja3259_f12.zip)

Restriction Sites: SgfI-MluI

ACCN: NM\_010883

Insert Size: 396 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u>NM_010883.3, NP_035013.1</u>
<b>RefSeq Size:</b>	1952 bp
<b>RefSeq ORF:</b>	396 bp
<b>Locus ID:</b>	17986
<b>UniProt ID:</b>	<u>P48744</u>
<b>Cytogenetics:</b>	X 12.07 cM
<b>Gene Summary:</b>	This gene encodes a secreted protein that acts a ligand for multiple different receptors and participates in both Wnt and Wnt-independant signalling. Its activity is important in vascular development of the eye and inner ear. Mutation of the related gene in humans causes Norrie syndrome. [provided by RefSeq, May 2015]