

Product datasheet for **SC323838**

NDP (NM_000266) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NDP (NM_000266) Human Untagged Clone
Tag: Tag Free
Symbol: NDP
Synonyms: EVR2; FEVR; ND
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_000266.1
 GTTTTTCCTTACAACAATGAGAAAACATGTAAGCTGATCCTTTTCTATGCTCTCCCT
 GCTGGTATAATGGGAGATACAGACAGTAAAACGGACAGCTCATTATAATGGACTCGGA
 CCCTCGACGCTGCATGAGGCACCACTATGTGGATTCTATCAGTCACCCATTGTACAAGTG
 TAGCTCAAAGATGGTGTCTGCTGGCCAGGTGCGAGGGGCACTGCAGCCAGGCGTCACGCTC
 CGAGCCTTTGGTGTCTGTCAGCACTGTCCTCAAGCAACCCTCCGTTCTCTGTCACTG
 CTGCCGGCCCCAGACTTCCAAGCTGAAGGCACTGCGGCTGCGATGCTCAGGGGGCATGCG
 ACTCACTGCCACCTACCGGTACATCCTCTCTGTCAGGGAATGCAATTCCTGAGG
 CCCGCTGTGTGTGGCTTCTGGATGGGACAAGTGTAGAGGCAGTTCGACCAGCCAGGG
 AAAGACTGGCAAGAAAAGAGTAAAGGCAAAAAGGATGCAACAATTCCTCCGGGACTCTG
 CATATTCTAGTAATAAAGACTCTACATGCTTGTGACAGAGAGAGATACTCTGGGAAT
 CTTTGCAGTTCATCTCTCTCTGTTACAATTTCTTTTGGTTCAATTCAGATTCAG
 GCATTTTCCCCCTTGGCTCTCAATGCTGTTTGGGTTTCCAACAATTCAGCATTAGTGGGA
 AAAAGTGGGCCCTCATACACAAGCGTGTGAGGCTCTCAGTGTGGTGCACGCTGGGGAA
 GAATTTACTTTGGAAAGTAGAAAAGCCAGCTTTTCTGGGACATCTTCTGTTATTGTTG
 ATGTTTTTTTTACCTTGTCAATTTGGTCTAAGTTGCCATTGCTGCTAAAGGTTACCGA
 TTTCAAAGTCCAGATACCAAGCATGTGGATATGTTTAGCTACGTTTACTCACAGCCAGCG
 AACTGACATTAATAAATAAACAACAGATCTTTTATGTGATGCTGGAATCTTGACAG
 CTATAATTATTTCAGAAATGACTTTTTGAAAAGTAAAAGCAGCATAAAGAATTTGTCAC
 AGGAAGGCTGTCTCAGATAAATTAATGGTAAAATTTGTAAAGGAGCAGACTTTTAAAGAC
 TTGCACAATAACGGATCCTGCACTGACTCTGAAAAGGCATATATGTAAGTGGCATGG
 AGAATGCACCATACTCATGCATGCAAAATAGACAACCAAGTATGAATCTATTTGGGGTG
 TGCTATAGCTTTAGCCGTGTCACGGGCATCATTCTCTAATATCCACTTGCCATGTGAAA
 CATGTTGCCAAAATGGTGGCCTGGCTTGTCTTCTGAACGTTTGGTTCAAATGTGTTTTGG
 TCCTGGAGGCTCAAATTTGAGTTATTTCCACGTTTTGAAATAAAAAGAGTATATTCAAA
 AA



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| Restriction Sites: | ECORI-NOT |
| ACCN: | NM_000266 |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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. |
| RefSeq: | NM_000266.1 , NP_000257.1 |
| RefSeq Size: | 1846 bp |
| RefSeq ORF: | 402 bp |
| Locus ID: | 4693 |
| UniProt ID: | Q00604 |
| Cytogenetics: | Xp11.3 |
| Domains: | CT, Cys_knot |
| Protein Families: | Druggable Genome, Secreted Protein |
| Gene Summary: | <p>This gene encodes a secreted protein with a cystein-knot motif that activates the Wnt/beta-catenin pathway. The protein forms disulfide-linked oligomers in the extracellular matrix. Mutations in this gene result in Norrie disease and X-linked exudative vitreoretinopathy. [provided by RefSeq, Feb 2009]</p> |