

Product datasheet for **SC304224**

Dendrin (DDN) (NM_015086) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dendrin (DDN) (NM_015086) Human Untagged Clone
Tag:	Tag Free
Symbol:	Dendrin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_015086 edited
 ATGCTGGATGGCCACTGTTCTCCGAGGGGCTGACAGCCCCGGGAGCTCCAGGATGAG
 GAGTCTGGCAGCTGCCTCTGGGTGCAGAAGTCCAAGCTATTGGTGATAGAAGTGAAGACT
 ATTTCTGTGTCATTATAGTCGCCGCGCCCTTCTCGACAGCCATGGACTTCCAGGCCAGC
 CACTGGGCTCGCGGGTCCAGAACCACGTGTGGGCCGCGCCGGGATCCCCACAGCCG
 CCGCCCCGCGGCCCTGGCCCTCCAGGGTGTGCAGGAGGCGACCAACTGGCGGGGGG
 CCCCTGGCCGAGGTCGAGCTCGGGAGCAAGAGAAAAGGAAAGCGGCGTGCAGAGAGCGG
 GAGGCCAAGGAGACCGAGCGAAAAAGGCGCAAGGCTGGTGGGGCCGACGGAGCCCCCG
 GGTGACCCCCGCGGAGCCCCGCAACGCCCTCGGGTGGCCAGCTGGCAGGGTCCCT
 GCTCCCTTGGCGCCGAGCGCCTGGCGCCTGTGGGGCAGCGCCCCGTCCATCCGCGCAG
 CCGCAGAGCGACCCAGGGTGGCGTGGCGGGGCCCTGGGGAGGTGGCGGCCGGGGCC
 CCAAGCTACGAGGCTCACCTGCTGCTGAGAGTTCTGCCGGGACCGCCCCACGACCCGC
 TGGGACCGGCCGCCACCCTACGTGGCTCCACCTTCTTACGAAGGCCCCCATAGGACCTTG
 GGGACTAAGAGAGGCCCGGAACTCTCAGGTGCCACTTTCATCAGCCCCAGCTGCGACT
 CCAGCCAGGACAGACGGAGGGCGCACAAGAAGAGGCTGGATCTCGGATCTACCGGGAC
 GTCTCGGGGCTTGGGGTCTCCGACAGGGCAAGGTCTTGGGGGATCCCCAGGCTGT
 GGAGCGGCCAGAGCAAGGCCAGAGCCCCGCAAGGGGGTCTGGAGAAAAGCCTGGGGCTG
 GCTGCTGCTGACTGAACAGTGGTAGCGACAGCCATCCCCAAGCCAAAGCTACAGGGAGC
 GCAGGCACCGAGATAGCTCCTGCGGGTCTGCAACTGCGGCTCCCTGTGCCCCGCATCCC
 GCTCCCAGATCCAGGCACCACCTCAAGGGCTCGAGGGAAGGGAAGAAGGAGAACAGATC
 TGGTTTTCCAAATGCTGGATTCCCTCCCCTAAAAAGCAGCCGCCCGCCATAGCCAGACA
 CTCCCCAGACCTGGGCTCCCGAGGCACCGGATGGAGAGAATCTCTGGGTCTTGGAGAG
 GGGCAGGACCGGAGACCTGGAGGGTTGGAAGGCGACCCGCGGTCGCCACACCTTGCCC
 CGCAGTTCCAGGCCTGTCCCGTGGGAAGGCGTCTTTGTATTGACGCCACGTGCGTA
 GTGATACGATCCCAATATGTTCCAACCCCCGAACCCAGCAGGTGCAGCTTTTGCCTCT
 GGGGTGACACGCGTGGTGGGGGATTCCCCAGCCAATCGAAGCCCGCAAGGAGGAGGT
 GAAGGGGCCACGGTCTTCTCCCTTGTCAAAGCGGCTGTCGAGCAGTCGCCTTTTA
 CACCAGCCGCGGGGGCCGCGGGGCGAAGCTGAGGGCGGGAGGCGGGGGACTCCACA
 CTGGAGGAGCGCACTTCCGCATCTTGGGGTCCCGGCCCGAAGTAAACCTGCGGGAC
 GCCCCACGCAGCCAGGTAGCCAGAGCACCAAGCCTTAGGCCACGAGCTTCGGGAGCC
 CAGGGCAGAGCCGAGGGTCCGAAGTGGCGGTGGTCCAGCGGCGCCGGCCGGGGCTGG
 GCGCGGACCCAGGGCCCTACGCCGGGGCCTGCGAGAAGCCGTGTCCTTATCCGCCGC
 CACACAGCCCCTGACTCGGACACGGACGAAGCTGAGGAGCTCAGCGTCCATAGCGGCTCC
 TCTGATGGAAGCGACACAGAAGCCCCGGGCGCCTCCTGGCGGAATGAGAGGACCCTGCC
 GAGGTTGGAACAGTTCCGCCAGAGGAAGATGGGAAGACAGCGAACTGAGCGACAGTGT
 GGGGAGATCCTAGATGCATAAGCCAAACCGAGGAGGTCTCTTCGGGGTGGGGACATC
 AGAGGGACCCAACAGGGAATAGGAAGAGGCAGTGA

Restriction Sites: Please inquire

ACCN: NM_015086

Insert Size: 3800 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).

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:	<u>NM_015086.1</u> , <u>NP_055901.2</u>
RefSeq Size:	3744 bp
RefSeq ORF:	2136 bp
Locus ID:	23109
UniProt ID:	<u>O94850</u>
Cytogenetics:	12q13.12
Gene Summary:	Promotes apoptosis of kidney glomerular podocytes. Podocytes are highly specialized cells essential to the ultrafiltration of blood, resulting in the extraction of urine and the retention of protein (By similarity).[UniProtKB/Swiss-Prot Function]