

Product datasheet for **MC220712**

Ddn (NM_001013741) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddn (NM_001013741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddn
Synonyms:	Gm748
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220712 representing NM_001013741
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGATGGCCGTTATTCTCCGAGGGGCCACAGCCCCGGGAGCTCCAGGATGAGGAGTCCGGCA
 GCTGCCTCTGGGTGCAGAAGTCCAAGCTGTTGGTGATTGAAGTGAAGACTATTCCTGTATTATAGTCG
 TCGCGCTCCTTCTCGACAGTCCATGGACATCCAGGCCAGCTACTGGGCCGTGGGCCCCAGAGCCGCACG
 TGTAGGCTGCGCCCGGATCCCCTGAGCCGCCACCCCGCCGACCCTGGCCTCCAGGGTGTGCAGGAGG
 CAACCACTGGCGGGCGGCCCCCGCCGAGGTCCGAGCCCGGAACAAGAGAAAAGAAAGGCGGCGTC
 GCAGGAGCGGGAGGCCAAGGAGACCAGAGAAAAAGGCGCAAGGCTGGCGGGCCCGACGGAGTCCCCTA
 GGTGAGCCCGCCAGAGCCCGGAACGCCCTTCGGGACGCCAACCTACAGGGTTCCAGTTTTCTCCA
 GACCAGAGCGCTTCGGGACGTTGGGCGAGCGCCCGACCATCCGTGCTCCCGCAGGGTACCCAGGGGT
 TGCATGGGCGGGCCATGGGGAGGCAGAAGGCCAGGGCCCTAGCTACGAGGCTCACCTGCTGTTGAGA
 GGCTCTGCAGGCACAGCCCAAGGCGCCGCTGGGACCGGCCGCCACCCTATGTGGCTCCACCTTCTATG
 AAGGTCCCCACAGGACCCTGGGGACTAAGCGAGGCCCGGAGCTCTCCCGGGCGCCACCTCATCAGCCCC
 AGTTCCAGCCACCACAGGACAGAGGGAGGGCGCACGAAGAAGAGGCTGGATCCTCGAATCTACCGGGAT
 GTTCTAGGAGCTTGGGTCTCAGACAGGGACGGGGACTCTTAGGAGGTGCTCCAGGCTGTACAGCAGCCA
 GAGCTAGGCCAGAGTCTTGCAAAGGGGCTATAGAGAAAAGCTCAGGCCTAGTTGCTGTGGCCTGAACAG
 TGCTGGCGATAGTCATCCCAAGGCAAAACGACTGGCGGTCCAGGCACGGACGCAGCTCTCTAGGTCC
 GCGATCAGCAGCCACCTCGTCTGTTCCAGGTCCAGGCACCTCAGGGGTCAAGGAAAGGGAAAG
 AAGGAAGTGAGCAGATATGGCTTCCCAGTGTGGCTTGCCTCCCTAAAAAGCCTCCAGTTAGGCACAG
 CCAGACGCTCCCTAGACCCTGGGCTCCTGGAGGCACCGGGTGGAAAGAGTCCCTGGGTCAAAGAGAGGGG
 GCAGAACATGAGACCCTGGAAGTTTGAAGGTGACCCGCCGTGCCACACCCTGCCCGCATTTCCCGAG
 GTCCCGCTGGTAGAGAAGGCATCTTGTGATTGACGCCACATGCGTGGTGATAAAGTCCCAGTACGTTCC
 GACCCCTCGAACCAGCAGGGTCACTCGTCCCTCTGGGGAGTCGTGACGTGTGAGCGACAGCCTTAGT
 CAACCCAGCCCTGTACGAGGAGGAGGGCGAGGGGGCCGCTGCCAACCTTCAGTTTGCCAAAAGCGAC
 TGTTGAGCAGTCGAGTCTTAACCAACCGAGCGAGGGTCCGAGTGCAGGCGGAGTCCGACAGCAGGG
 GGATTCTTATTGAGGAGCGCTCCTCCAGCGTTTGGGGTCCCTGTCGAGAGAAGTGAACCCGCGAGAC
 GCCCCACGCAGCCAGGTAGCCAAGAGCACCCGACCTTAGGCCACGCGGCTCCGATATGCGCCGGCAGCT
 TGAAGGGCTCAGAAGCGGCTGGTGTCCCGCGCGCGGGCGGGGCTGGGCGCGGACTCCAGGGCCCTA
 CGCCGGGGCGTTGCGAGAAGCCGTGTCCCGCATCCGCCGCCACACCGCCCCAGATTCCGACTCAGACGAA
 GCGGAGGATCTCAGCGTCCATAGCGGCTCCTCTGATGGAAGCGACACAGACGCCCCAGGCGCCTCCTGGC
 GGAATGAGAGGACCCTGCCTGCGCTTGGGAACACCCGGCCAGGGAAGGCGGGAAGACAGCAGGGCTGAG
 CGACAGTATCCGGGAGATTGTGGATGTCATCAGTCAAACCGAGGAAGGCTTATCCGAGAGGACACCAGG
 AAAACGCCACAGGAAATAGAGAGAGGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013741

Insert Size: 2133 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).

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_001013741.1</u> , <u>NP_001013763.1</u>
RefSeq Size:	3740 bp
RefSeq ORF:	2133 bp
Locus ID:	13199
UniProt ID:	<u>Q80TS7</u>
Cytogenetics:	15 54.69 cM
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.[UniProtKB/Swiss-Prot Function]