

Product datasheet for **RN214911**

Ndst2 (NM_001105740) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndst2 (NM_001105740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ndst2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214911 representing NM_001105740
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCCAGCTGTGGAAGTGGTACGCCCTGCTCGGCACTGGAAGTGCACCCGCTCATACTGCTGCTGA
 TTGGTTTCAGTCTTGCTCCATGGCATTCTGGCTTACTTTGTATCCACCAGCCCCAAGGCCAAGGAACC
 CTTGCCTCTGCCCTTGGGAGACTGTAGTAGCAGTGGGGCAGCTGGCCCTGGTCTGCAAGGCCACCACTC
 CCACCTCGACCCCAAGGCCTCCAGAACTGAACTCGAACAGAACCTGTGGTCTTGTGTTGTGAAAGTG
 CGTACTCACAAGTGGGGCAGGAGATTGTGGCCATCTGGAGTCTAGTCGCTTTCGTTACAGCACTGAGTT
 AGCACCTGGCCGAGGGGATATGCCACGCTGACTGATCACACCCATGGTCGCTACGTGTTGGTCACTAT
 GAGAACCTTCTAAAGTACGTCAACTTGGACTCCTGGAGTCGAGAAGTCTAGACCGATACTGTGTGGAGT
 ACGGTGTGGGCATCATTGGCTTTTCCGAGCCACGAGCATAGCCTCCTGAGTGGCCAACTCAAGGGCTT
 CCCCTTTTCTATACTCAAACCTGGGGTGGCGGACTACCAAGTGAACCTTCCGCTCCTCTGCTACAT
 CTACCCGCCCTAGCCGCTTGGAGCCAGGACCCTGCCTGGGGACGACTGGACCATCTCCAGTCCAATC
 ACAGCACCTATGAGCCAGTGTCTATCGCCAGCCATCGGCCAGCAGAGCTCCCCTTGCCGGGACCAGCTCT
 GCGGCGAGCCCGCTCCCCTACTGTGGTGCAGGACTTGGGGCTTACGACGGCATCCAGCGGGTGTGTTT
 GGACACGGCCTCTCTTTTGGCTTCAAACTTGTGTTTGTGATGCTGTGCGATACCTCACTGGCAAGC
 GTCTCTGCCTGGACCTTGACCGCTACATCTTAGTAGACATCGACGACATCTTTGTGGCAAAGAAGGTAC
 TCGCATGAAGGTGGTGTGTTGAGGCTCTGCTGACTACCCAGAACAACCTCAGGACCTTAGTCCCCAAC
 TTCACCTTCAACCTGGGCTTCTCGGGCAAGTCTATCATACGGGGACAGAGGAGGAGGACCGGGGGACG
 ATATGCTGCTGAGGCACCCGAGAGAGTTCTGGTGGTCCCTCACATGTGGAGTCACTGACGCCACACT
 GTTCCACAATCGCTCCGTGCTGGCCGACCAGATGAGGCTCAACAACAGTTTGCTTTGGAGCATGGGATT
 CCTACGGATCTGGGGTATGCTGTGGCCCCCACCCTCTGGTGTGTACCCCATCCACACGCACTCTATG
 AGGCCTGGAAATCCGTGTGGGCATTACAGGTGACCAGCACTGAGGAGTATCCCCATCTGCGCCCTGCTCG
 CTACCGCCGAGGCTTCATTCAATGGCATCATGGTGTCTCCCCGGCAAACATGTGGCCTCTTCACTCAC
 ACCATCTTCTATAATGAGTATCTGGAGGTTCTCGTGAAGTGGATCGAAGCATTGAGGTGGAGAAGTCT
 TTCTGACAGTGTGCTTAATCCGATCAGTGTCTTATGACCCATCTGTCCAACATGGAACGACCCGGCT
 GGGCCTGTACACCTTTGAGAGCCTGGTGCCTTCTCCAGTGTGGACACGGCTGCGGCTGCAGACCCTT
 CCCCTGTGCTCTTGGCCAGAAGTACTTTGAACTTTTCCCTCAGGAACGAAGCCCCCTTTGGCAGAATC
 CCTGTGACGACAAGAGGACAAAAGATATCTGGTCCAAGGAGAAAACCTGTGACCGACTCCCCAAGTCTCT
 CATTGTGGGACCACAGAAGACAGGCACCACAGCCATTCATTTCTTCTGAGCCTGCACCCCGCAGTGACA
 AGCAGTTTCCCCAGCCCTAGCACCTTTGAGGAAATTCAGTTCTTCAATGGCCCCAATTACCACAAGGGCA
 TCGACTGGTATATGGACTTCTTCCCTGTTCCTTCCAATGCCAGCACTGACTTCTGTTTGAAGAGTGC
 CACCTACTTTGACTCAGAGGTTGTACCTCGCGGGGGGCTGCCCTTTTGCCAAGAGCCAAGATCATCACT
 GTGCTCATCAACCCTGCTGACAGGGCCTACTCCTGGTACCAGCACCAGAGACACATGGAGACCCTGTTG
 CTCTGAACTACACCTTCTACCAAGTGATTTACGCTTCTCCACGCCCTCTGCTGCTTCGCTCCTTGA
 GAGCCGTTGTCTTGTCTGGCTACTATTCTACCCACCTTACGCGCTGGCTGACTTACTACCCCTCCGGA
 CAGTTGCTGATTATGGATGGGCAGGAGCTTCGTGTCAACCCAGCAGCCTCAATGGAGATCATCCAGAAGT
 TCTGGGTATACCCCTTTCTGAACTACAGGAGCCCTCAGGTTTCGATGCAGATAAAGGATTTTGGTG
 CCAGGGCCTTGAAGGCGGGAAGACTCGCTGTCTAGGGAGAAGCAAAGGCCGAGGTACCCAGACATGGAC
 ATGGAGTCTCGCCTTTTCTTACGGATTTTCCGAACCCATAATTTGGAGCTATCAAAGCTGCTGAGTC
 GGCTTGGACAGCCAGCCCTTGTGGCTTACAGGAAGAATTGCAGCATTCCAGTGTGGCTGA

ACGGCTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105740
Insert Size: 2652 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_001105740.1</u> , <u>NP_001099210.1</u>
RefSeq Size:	4145 bp
RefSeq ORF:	2652 bp
Locus ID:	114002
Cytogenetics:	15p16