

Product datasheet for **SC127651**

NDRG3 (NM_022477) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NDRG3 (NM_022477) Human Untagged Clone
Tag:	Tag Free
Symbol:	NDRG3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022477, the custom clone sequence may differ by one or more nucleotides

```
ATGGATGAACTTCAGGATGTTTCAGCTCACAGAGATCAAACCACTTCTAAATGATAAGGAACATGATATAG
AAACAACCTCATGGTGTGGTCCACGTCACATAAAGAGGCTTACCCAAAGGAAACAGACCAGTTATACTAAC
ATATCATGACATTGGCCTCAACCATAAATCCTGTTTCAATGCATTCTTTAACTTTGAGGATATGCAAGAG
ATCACCAGCACTTTGCTGTCTGTCATGTGGATGCCCCAGGCCAGCAGGAAGGTGCACCCCTTTCCCAA
CAGGGTATCAGTACCCACAATGGATGAGCTGGCTGAAATGCTGCCTCCTGTTCTTACCCACCTAAGCCT
GAAAAGCATCATTGGAATTGGAGTTGGAGCTGGAGCTTACATCCTCAGCAGATTTGCACTCAACCATCCA
GAGCTTGTGGAAGGCCTTGTGCTAATAATGTTGACCTTGCCTAAAGGCTGGATTGACTGGGCAGCTT
CCAAACTCTCTGGCCTGACAACCAATGTTGTGGACATTATTTGGCTCATCACTTTGGGCAGGAAGAGTT
ACAGGCCAACCTGGACCTGATCCAAACCTACAGAATGCATATTGCCAAGACATCAACCAAGACAACCTG
CAGCTCTTCTGAATTCCTACAATGGACGCAGAGACCTGGAGATCGAAAGACCCATACTGGGCCAAAATG
ATAACAAATCAAAAACATTAAAGTGTCTACTTTACTGGTGGTAGGGACAATTCGCCTGCAGTTGAGGC
TGTGGTGAATGCAATTCCTGCCTGAACCTATAAATACAACCTTGTAAAGATGGCGGACTGTGGGGGA
CTGCCCCAGGTAGTTCAGCCTGGGAAGCTCACCAGGCCCTCAAGTACTTTTGCAGGGAATGGGCTACA
TACCATCTGCCAGCATGACTCGGCTCGCCCGATCACGAACCCACTCAACCTCGAGTAGCCTCGGCTCTGG
AGAAAGTCCCTTCAGCCGGTCTGTCAACAGCAATCAGTCAGATGGAACCTCAAGAATCCTGTGAGTCCCT
GATGTCCTGGACAGACACCAGACCATGGAGGTGTCTCTGCTAA
```



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022477 unedited
 GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCGCTGCTGCTGCACTG
 ACGGCGGGTGCCCGCCCTCAGAGTTACTGATTTATTCTTGAGATTCTCTACTCTCGTT
 ATCTGACCTCATGGATGAACTTCAGGATGTTTCAGCTCACAGAGATCAAACCACTTCTAAA
 TGATAAGAATGGTACAAGAACTTCCAGGACTTTGACTGTCAGGAACATGATATAGAAAC
 AACTCATGGTGTGGTCCACGTCCTATAAGAGGCTTACCCAAAGGAAACAGACCAGTTAT
 ACTAACATATCATGACATTGGCCTCAACCATAAATCCTGTTTCAATGCATTCTTTAACTT
 TGAGGATATGCAAGAGATCACCCAGCACTTTGCTGTCTGTCATGTGGATGCCCCAGGCCA
 GCAGGAAGGTGCACCCTCTTTCCCAACAGGGTATCAGTACCCACAATGGATGAGCTGGC
 TGAAATGCTGCCTCCTGTTCTTACCACCTAAGCCTGAAAAGCATCATTGGAATTGGAGT
 TGGAGCTGGAGCTTACATCCTCAGCAGATTTGCACTCAACCATCCAGAGCTTGTGGAAGG
 CCTTGCTCATTAAATGTTGACCCTTGCCTAAAGGCTGGATTGACTGGCAGCTTCCAA
 ACTCTCTGGCCTGACAACCAATGTTGTGGACATTATTTGGCTCATCACTTTGNNCAGA
 AGAGTACAGGCCAACCTGGACCTGATCCAAACCTACAGAATGCATATTGCCAGACATCA
 ACAAGACAACCTGCAGCTTTTCTGATTTCTACATGGACCAGAGACTGGNAATCGGAAGAC
 CATACTGGCCAAATGATAACAATCANAACCTTTAAGTGTCTACTACTGGGGTTAGGGA
 CAATTCCTGCAGTTGAGCTGTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022477 unedited
 CCGGATGACAATAGCACCTTCATCATAATCTGTAAAAAGTCTACTCTGGCAGAGTGATGC
 ATTCCTTATCTCAGCAGAAAGCAAACAGTCTGTCTGAAAAGCCCCCTTCCCAAGATTTGGA
 ACTGTGTAACCCCTGAGCTTACATCTCAATGCTCCCAAGAGCTGGGCTCTTGCTATGTGGT
 AGTTGGTCTCCACAATTTCTCACCCCTCCAGCAATACTCTGTCTGGCTGTGACTCCCT
 CACCTAACAGTAGACATGAGGCTGAAAACAACCTTACCTGGACAGGGCTACCCCTACAGA
 TTGGCCCTTTCTCCTACAAAAGGGAGTTCATAGGATTAACAATCTTTCTAATGGCTGG
 GAGCAATGACTCATGCCTGTAATCCCATCACTTTGGGAGGCTGAGGCAGGTGGATCACCT
 GAGGTCATGAGTTTGAGACCAGCCTGGCCAACATGGCGAAACTCCATCTCTACTAAAAAT
 ACATAACTTACCTGGGTATGGTGGCAGGTGCCGTTTTCTCAGCTACTCCGGAGGCTGTG
 GCCCGCAATCGCTTGAACCCACGGGGCCGAGGTCGCACTGAGCCCAAGTTGCGCCATTG
 CACTCCAGCCTGGGTAACATTTGACACCTTGCTTAAACAAAAAATAAGATTTTGAAA
 AAAGGGCCCTGTCTCAATTTACTCTGGCCTCCCTTCCCTTCCCCGAAACCACGGCCCTA
 CCTTGCTAACCCGCCCCGCGGGCACCGGCTGTTCTCCTCCCCACCCTCTTTCCGC
 CGTNTACTGCCTTTTCGGCCATCTTTCCCTCCTTGGTCACGTGGGAACGGATACCCGC
 TTTCTGTTACATCCCTATTAGTTACCCCTCCGGTACCTGTGGAGTTGGCTCTTGCCCGC
 GGCGTCCATCTACCCACCCTCCACACCA

Restriction Sites:

NotI-NotI

ACCN:

NM_022477

Insert Size:

3090 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:

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_022477.1](#), [NP_071922.1](#)

RefSeq Size: 2995 bp

RefSeq ORF: 861 bp

Locus ID: 57446

UniProt ID: [Q9UGV2](#)

Cytogenetics: 20q11.23

Domains: Ndr