

Product datasheet for **SC106814**

NDRG3 (NM_032013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NDRG3 (NM_032013) Human Untagged Clone
Tag:	Tag Free
Symbol:	NDRG3
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032013, the custom clone sequence may differ by one or more nucleotides

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ATGGATGAACTTCAGGATGTTTCAGCTCACAGAGATCAAACCACTTCTAAATGATAAGAATGGTACAAGAA
ACTTCCAGGACTTTGACTGTCCAGGAACATGATATAGAAACAACATCATGGTGTGGTCCACGTCCTACTATAAG
AGGCTTACCCAAAGGAAACAGACCAGTTATACTAACATATCATGACATTGGCCTCAACCATAAATCCTGT
TTCAATGCATTCTTTAACTTTGAGGATATGCAAGAGATCACCCAGCACTTTGCTGTCTGCATGTGGATG
CCCCAGGCCAGCAGGAAGGTGCACCCTTTCCCAACAGGGTATCAGTACCCCAACAATGGATGAGCTGGC
TGAAATGCTGCCTCCTGTTCTTACCCACCTAAGCCTGAAAAGCATCATTGGAATTGGAGTTGGAGCTGGA
GCTTACATCCTCAGCAGATTTGCACTCAACCATCCAGAGCTTGTGGAAGGCCCTTGTGCTCATTAAATGTTG
ACCCTTGCCTAAAGGCTGGATTGACTGGGCAGCTTCCAAACTCTCTGGCCTGACAACCAATGTTGTGGA
CATTATTTGGCTCATCACTTTGGGCAGGAAGATTACAGGCCAACCTGGACCTGATCCAAACCTACAGA
ATGCATATTGCCAAGACATCAACCAAGACAACCTGCAGCTCTTCTTGAATTCCTACAATGGACGCAGAG
ACCTGGAGATCGAAAGACCCATACTGGGCCAAAATGATAACAAAACAAAAACATTAAGTGTCTACTTT
ACTGGTGGTAGGGGACAATTCGCTGCAGTTGAGGCTGTGGTGAATGCAATCCCGCTGAACCCATA
AATACAACCTTTGCTAAAGATGGCGGACTGTGGGGACTGCCCCAGGTAGTTCAGCCTGGGAGCTCACCG
AGGCCTTCAAGTACTTTTTGCAGGGAATGGGCTACATACCATCTGCCAGCATGACTCGGCTCGCCCGATC
ACGAACCACTCAACCTCGAGTAGCCTCGGCTCTGGAGAAAGTCCCTTACGCCGGTCTGTACCAGCAAT
CAGTCAGATGGAACCAAGAATCCTGTGAGTCCCTGATGTCCTGGACAGACACCAGACCATGGAGGTGT
CCTGCTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032013 unedited</p> <pre>TCATATTTATGTAATACGAACTCACTATAGGGCGGCCGCGAATTCGCACGAGGCTGCACT GACGGCGGGTGCCCGCGCCTCAGATTACTGATTTATTCTTGAGATTCTCTACTCTCGTT ATCTGACCTCATGGATGAACTTCAGGATGTTTCAGCTCACAGAGATCAAACCACTTCTAAA TGATAAGAATGGTACAAGAACTTCCAGGACTTTGACTGTCAGGAACATGATATAGAAAC AACTCATGGTGTGGTCCACGTCACTATAAGAGGCTTACCCAAAGGAAACAGACCAGTTAT ACTAACATATCATGACATTGGCCTCAACCATAAATCCTGTTTCAATGCATTCTTTAACTT TGAGGATATGCAAGAGATCACCCAGCACTTTGCTGTCTGTCATGTGGATGCCCCAGGCCA GCAGGAAGGTGCACCCTCTTTCCCAACAGGGTATCAGTACCCCAATGGATGAGCTGGC TGAAATGCTGCCTCCTGTTCTTACCACCTAAGCCTGAAAAGCATCATTGGAATTGGAGT TGGAGCTGGAGCTTACATCCTCAGCAGATTTGCACTCAACCATCCAGAGCTTGTGGAAGG CCTTGTGCTCATTAAATGTTGACCCTTGCCTAAAGGCTGGATTGACTGGCAGCTTCCAA ACTCTCTGGCCTGACAACCAATGTTGTGGACATTATTTGGCTCATCACTTTGGGCAGGA AGAGTTACAGGCCAACCTGGACCTGATCCAAACCTACAGAATGCATATTGCCAAGACAT CAACCAAGACAACCTGCAGCTCTTCTTGAATCCCTACATGGACGCAGAGACCCTGGAGA TCGAAAGACCCATACTGGGCCAANATGATAACANATCANAAACATTNAAAGTGCTACTCT ACTGGTGGNTAGGGGGACATTCNCTGCAGTTGAGGCTGTGGGTGATGTCAATNCCCGC CTGACCCTTNAATACACTTTGCTN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032013 unedited</p> <pre>TGGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAA CAATGAGACATATGCAGCTTTATTTAATAATCTGTAAAAAGTCATACTCTGGCAGAGTGA TGCATTCCTTATCTCAGCAGAAAGCAAACAGTCTGTCTGAAAAGCCCTTCCCAAGATTT GGAAGTGTGTAACCTGAGCTTACATCTCAATGCTCCCAAGAGCTGGGCTCTTGCTATGT GGTAGTTGGTCTCCACAATCTCTCACCTCCAGCAATACTCTGTCTGGCTGGGACTC CCTCACCTAACAGTAGACATGAGGCTGAAAACAACCTTACCTGGCAGGGCTACCCCTAC AGATTGGCCCTTCTCTCTACAAAAGGGAGTTCATAGGATTAACAATCTTTCTAATGGC TGGGAGCAATGACTCATGCCTGTAATCCAGCACTTTGGGAGGCTGAGGCAGGTGGATCA CCTGAGGTGAGGAGTTTGGAGCCAGCCTGGCCAACATGGTGAACCTCCATCTCTACTAAA AATACATAACTTANCTGGGTATGGTGGCAGGTGCCTGTAGTCTCAGCTACTCGGGAGGCT GAGGCAGGAGAATCGCTTGAACCCAGGGGGCAGAGGTTGCAGTGAGCCAAGTTTGCGCCA TTGCACTCCAGCCTGGTAACAGCGAGACTCTGTCTCAAAAAAAAAAAGACTCTGAGAA ATGGGTTCTGTATCAATTTAATTTGGCTTCCATTACATCTACTGAAATCAAGGCTATACT TGTTAAACATGATACTGTGTTAATGGCTGTTCTCTNCCCCCACCATTNTCCCCCATC TACATGCTTTTTAGGCCAAACCTCTCCCTTTCTGGGAAACTGAGNAATGGAGAACAAC TTTCTGTACAAGACCTAGGAGAC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032013
Insert Size:	3000 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_032013.2](#), [NP_114402.1](#)

RefSeq Size: 3031 bp

RefSeq ORF: 1128 bp

Locus ID: 57446

UniProt ID: [Q9UGV2](#)

Cytogenetics: 20q11.23

Domains: Ndr