

Product datasheet for **SC216284**

NDRG1 (NM_001135242) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDRG1 (NM_001135242) Human 3' UTR Clone
Symbol:	NDRG1
Synonyms:	CAP43; CMT4D; DRG-1; DRG1; GC4; HMSNL; NDR1; NMSL; PROXY1; RIT42; RTP; TARG1; TDD5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001135242
Insert Size:	1733 bp



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Insert Sequence: >SC216284 3'UTR clone of NM_001135242
 The sequence shown below is from the reference sequence of NM_001135242. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGCCAAGTCCATGGAGGTCTCCTGCTAGGGCGCCTGCCAGCTGCCGCCCGGACTCTGATCTCTG
TAGTGGCCCCCTCTCCCGGCCCTTTTCGCCCCCTGCCTGCCATACTGCGCCTAACTCGGTATTAAT
CCAAAGCTTATTTTGTAAAGAGTGAGCTCTGGTGGAGACAAATGAGGTCTATTACGTGGGTGCCCTCTCC
AAAGGCGGGTGGCGGTGGACCAAAGGAAGGAAGCAAGCATCTCCGCATCGCATCTCTTCCATTAACC
AGTGGCCGGTTGCCACTCTCTCCCTCCCTCAGAGACACCAAAGTCCAAAAACAAGACGCGTAGCAG
CACACACTTCACAAAGCCAAGCCTAGGCCGCCCTGAGCATCTGGTTCAAACGGGTGCCTGGTCAGAAG
GCCAGCCGCCACTTCCCGTTTCTCTTAACTGAGGAGAAGCTGATCCAGTTTCCGAAACAAAATCC
TTTTCTCATTTGGGGAGGGGGTAAATAGTGACATGCAGGCACCTCTTTAAACAGGCAAAACAGGAAGG
GGGAAAAGGTGGGATTTCATGTCGAGGCTAGAGGCATTTGGAACAACAAATCTACGTAGTTAACTGAAG
AAACCGATTTTTAAAGTTGGTGCATCTAGAAAGCTTTGAATGCAGAAGCAACAAGCTTGATTTTTCTA
GCATCCTCTTAATGTGCAGCAAAAGCAGGCGACAAAATCTCCTGGCTTTACAGACAAAAATTTTCAGC
AAACGTTGGGCATCATGGTTTTTGAAGGCTTTAGTTCTGCTTTCTGCCTCTCTCCACAGCCCCAACCT
CCCACCCCTGATACATGAGCCAGTGATTATTCTTGTTCCAGGGAGAAGATCATTTAGATTTGTTTTGCAT
TCCTTAGAATGGAGGGCAACATTCCACAGCTGCCCTGGCTGTGATGAGTGCCTTGACAGGGGCCGGAGT
AGGAGCACTGGGTGGGGTGGAAATGGGGTACTCGATGTAAGGGATTCTTGTGTTGTTGATGAGT
CCAGTGCAGTTGTGATTTCTGTGGATCCAGCTTGGTTCCAGGAATTTTGTGATTTGCTTAAATCCA
GTTTTCAATCTTCGACAGCTGGGCTGGAACGTGAACTCAGTAGCTGAACCTGTCTGACCCGGTCAGGTT
CTTGGATCCTCAGAACTTTTGCTCTTGTGCGGGTGGGGTGGGAACTCACGTGGGGAGCGGTGGCTGA
GAAAATGTAAGGATTCTGGAATACATATTCATGGGACTTTCTTCCCTCTCCTGCTTCTCTTTTCT
GCTCCCTAACCTTTGCGCGAATGGGGCAGCACCCTGACGTTTCTGGGCGCCAGTGCAGGCTGCCAGGT
TCCTGTACTACTGCCTTGTACTTTTCAATTTGGCTCACCGTGGATTTTCTCATAGGAAGTTTGGTCAGA
GTGAATTGAATATTGTAAGTCAGCCACTGGGACCCGAGGATTTCTGGGACCCCGAGTTGGGAGGAGGA
AGTAGTCCAGCCTTCCAGGTGGCGTGAGAGGCAATGACTCGTTACCTGCCGCCATCACCTTGAGGCC
TTCCCTGGCCTTGAGTAGAAAAGTCGGGGATCGGGCAAGAGAGGCTGAGTACGGATGGGAACTATTG
TGACAAGTCTTCCAGAGGAGTTTCTTAATGAGATATTTGTATTTATTTCCAGACCAATAAATTTGTA
ACTTTGCA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
  
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Restriction Sites: SgfI-RsrII

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001135242.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001135242.2)

Summary:

This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Locus ID:

10397

MW:

63.2