

## Product datasheet for RC237689

### NDRG2 (NM\_001282213) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NDRG2 (NM_001282213) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NDRG2
Synonyms:	SYLD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC237689 representing NM_001282213 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAGCTGCAGGAGGTGCAGATCACAGAGGAGAAGCCACTGTTGCCAGGACAGACGCCTGAGGCGG  
CCAAGACTCACTCTGTGGAGACACCATACTGTCTGTCACTTTCACTGTCTATGGCACCCCAAACCCAA  
ACGCCAGCGATCCTTACCTACCACGATGTGGACTCACTATAAATCTTGCTTCCAGCCACTGTTTCAG  
TTCGAGGACATGCAGGAAATCATTGAGAACTTTGTGCGGGTTCATGTGGATGCCCTGGAATGGAAGAGG  
GAGCCCTGTGTCCCTTTGGGATATCAGTACCACCTCTGACCAGCTTGCAGACATGATCCCTTGCCT  
CCTGCAGTACCTAAATTTCTCTACAATAATTGGAGTTGGTGTGGAGCTGGAGCCTACATCCTGGCGAGA  
TATGCTCTTAACCCCGACACTGTTGAAGTCTTGTCCTCATCAACATTGATCCCAATGCCAAGGGTT  
GGATGGATTGGGACGCCACAAGCTAACAGGCCTCACCTTCCATTCCGGAGATGATCCTTGGACATCT  
TTTCAGCCAGGAAGAGCTCTCTGGAAATCTGAGTTGATACAAAAGTACAGAAATATCATTACACATGCA  
CCCAACCTGGATAACATTGAATTGACTGGAACAGCTACAACAACCGCCGAGACCTGAACCTTGGAGCGT  
GAGGTGATATCACCTCAGGTGTCTGTGATGCTGGTGGTAGGAGACCAAGCACCTCATGAAGATGCAGT  
GGTGAATGTAACCTCAAACCTGGACCCACCCAGACCTCGTTCCTCAAGATGGCTGACTCCGGAGGTCAG  
CCCCAGCTGACTCAGCCAGGCAAGCTGACCGAGGCCTTCAAGTACTTCTGCAAGGCATGGGCTACATGG  
CCTCATCCTGCATGACTCGCCTGTCCCGTCTCGTACAGCCTCTCTGACCAGTGCAGCATCCGTTGATGG  
CAACCGTCCCGCTCTCGCACCTGTCCAGAGCAGCGAGTCTGGAACCTTTCTTCGGGGCCCCGGGG  
CACACCATGGAGGTCTCCTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



[View online »](#)



**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\\_001282213.1](#), [NP\\_001269142.1](#)

**RefSeq Size:** 2257 bp

**RefSeq ORF:** 1074 bp

**Locus ID:** 57447

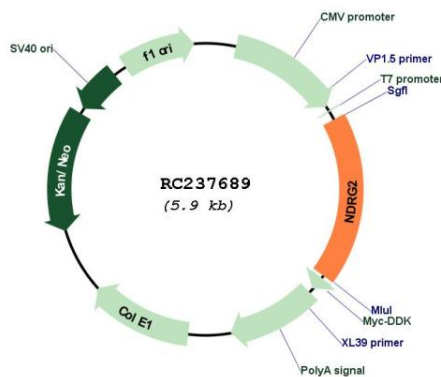
**UniProt ID:** [Q9UN36](#)

**Cytogenetics:** 14q11.2

**MW:** 39.3 kDa

**Gene 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 that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2017]

## Product images:



Circular map for RC237689