

## Product datasheet for **RR206696**

### Dis3 (NM\_001127483) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dis3 (NM_001127483) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dis3
Synonyms:	RGD1304646
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR206696 representing NM\_001127483  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTCAAGTCCAAAACATTCTTAAGAAGACCCGCGCGGGCGGTGGTGAAGATCGTGCAGCACT  
 ACCTGCGGGATGACATCGGCTGCGGCACGCCGGCTTGCTCGGCCTGTGGCGGGCGCACGCGGGCCCGGC  
 CCTGGAGCTGCAGCCCCGGGACCAGGCGAGCAGCCTCTGCCCATGGCCGCACTACCTCCTGCCGGACACC  
 AATGTGCTGCTGCACCAGATTGATGTTCTTGAGGACCCTGCTATCAGGAACGTAATTGTGCTTCAGACAG  
 TCCTGCAGGAAGTGAGAAACCGGAGTGCCCCATATAAGCGAATCAGGGATGTGACGAATAACCGGA  
 GAAGCATTCTACGTTCACTAACGAGCACCATAAGAAACCTACATAGAGCAAGAACAGGGGAGAAAT  
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 CAGAAAATCAGCTACAAGTTATCCTTATAACAACGACAAGAAGAACAAGAAAAGGCTGCAGAAGAAGG  
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 GCAAGCTCCAACAAGGCATAAAATCTGGTTCATACCTCAAGGAACATTCAGAGCTAGCAGGGAAAATTA  
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 CAGGAAATGCATTGGATCAAGAATCAGCAAGAAGAGGAACAACCTGTTTATCTTTGTAAAAGAGGATTGA  
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 TCATGAAGAGTTTTCTGAACATGCTTTGCTTCGAAAACATCCAGCCCCACCTCCCTCCAATTATGAAGTT  
 CTTGTTAAGGCCGCTAAGTCCAAGAATTTGAAATTCGGACTGATACAGCCAAATCTTTGGCTGACTCTT  
 TGGACCGGGCTGAATGTCTGATTTCCCATACCTGAATACTCTGTTAAGGATATTGGCCACTCGCTGTAT  
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 TTTCCGGCATAAAATGGCTCAGTATGCCAGCGTGCCTCAGTAGCTTTTTCATACACAGTTGTTTTCAA  
 AGCAAAGGAATAGTAAGCGAAGAAGCCTATATTCTTTGTAAGAAAAAATGCAATTGTAGTGTTAATTC  
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 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206696 representing NM\_001127483  
 Red=Cloning site Green=Tags(s)

MLKSKTFLKKTRAGGVVIVREHYLRDDIGCGTPACSACGAAHAGPALELQPRDQASSLCPWPHYLLPDT  
 NVLLHQIDVLEDPAIRNVIVLQTVLQEVNRNSAPIYKRIRDVTNNQEKHFYFTTNEHHKETYIEQEQGEN  
 ANDRNDRAIRVAAKWYNEHLKMSAENLQVILITNDKKNKEKAAEEGIPAF TCEEYVKS L TANPELIDRL  
 ACLSDMNEIESGKIIFSEHLPLSKLQQGIKSGSYLQGTFRASRENYLEATVWIHGDKEDKEILIQGLK  
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 NWRPYCGMLSKSDIKESRRHLFTPADKRIPRIETRQASALEGRRIIVAIDGWPRNSRYPNGHFVKNLG  
 DVGEKETETEVLLEHDVPHQPFSAVLSFLPKMPWSITEEDMKNREDLRHL CVCSVDPPGCTDIDDALH  
 CRELSNGNLEVGVIADVSHFIRPGNALDQESARRGTTVYLCEKRIDMVPELLSSNLCSLRSNVDRLAFS  
 CIWEMNHNAEILKTRFTKSVINSKASLTYAEAQMRIDSAAMNDDITTLRGLNKLAKILKRGRIEKGALT  
 LSSPEIRFHMDSETHDPIDLQTKELRETNSMVEEFMLLANISVAKKIHEEFSEHALLRKHPAPPSNYEV  
 LVKAAKSKNLEIRTD TAKSLADSLDRAECPDFPYLNTLLRILATRCMMQAVYFCSGMDSDFHHYGLASPI  
 YTHFTSPIRRYADIIVHRLLAIVAIGADCTYPELTDKHKLS DICKNLNFRHKMAQYAQRASVAFHTQLFFK  
 SKGIVSEEAYILFVRKNAIVVLI PKYGLEGTVFEEKDKPKPRLTYDDEIPSLRIEGTVFHVFDKVKVKI  
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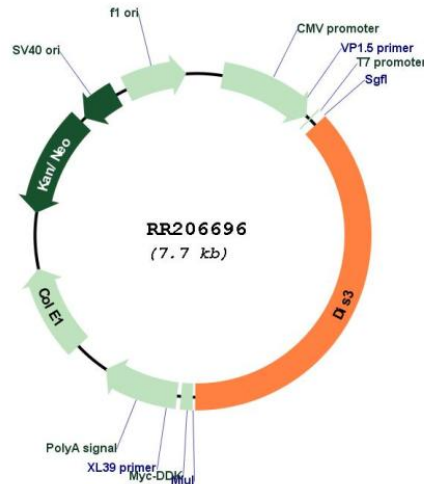
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



**Plasmid Map:**


**ACCN:** NM\_001127483

**ORF Size:** 2871 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001127483.1](#), [NP\\_001120955.1](#)

**RefSeq Size:** 3115 bp

**RefSeq ORF:** 2874 bp

**Locus ID:** 306103

**Cytogenetics:** 15q21

MW: 108.8 kDa