

Product datasheet for **RR208437**

Dis3l2 (NM_001109007) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dis3l2 (NM_001109007) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dis3l2
Synonyms:	RGD1560168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RR208437 representing NM_001109007
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAACCATCCTGACTACAAGCTGAACCTTCAGTCTCCAGGGACTCCCAGAGGTGTGTCCTCTGTGGTTG
 GCCCGAATGCTGTTGGTCTTCGCCAGGTGACAAAAAGTCAAAGAACAAGTCCATGCGAGGGAAGAAAA
 GAGCATATTTGAAACCTACATGTCCAAGGAGGATGTTTCAGAAGGCTTGAAGAAAGGAACGCTTATCCAG
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 GCCTGAGGAC

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Protein Sequence: >RR208437 representing NM_001109007
Red=Cloning site Green=Tags(s)

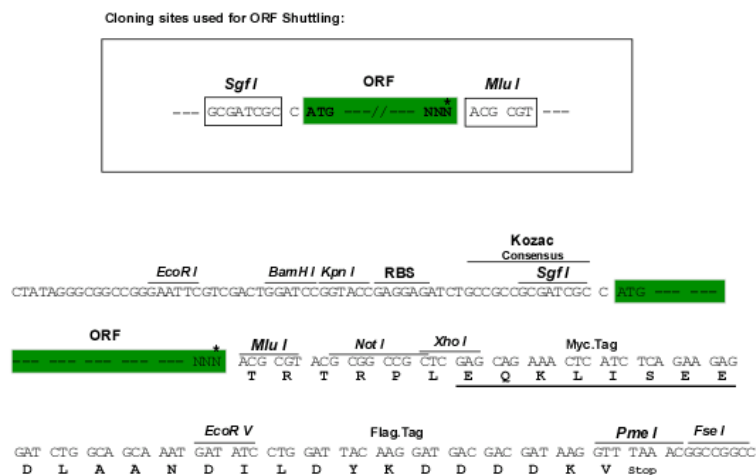
MNHPDYKLNLSQPGTPRGVSSVVGPNVAVGASPGDKKSKNKS MRGKKKSIFETYMSKEDVSEGLKKGTLIQ
GVL RINPKKFHEAFIPSPDGDRI FIDGVVARNRNLNGDLVVVKLLPEDQWKPRITLSLPGVLGLQGVKP
ESNDKETATNETDI SEESC GHHLLQKSPKGWNGPDVIEAQFDDSDSEDRHGNTSGLVDGMKKLSVCTP
DKGKEDSSAPVMKIDENTPKSQDTRALSEKSLQKSAKVYVILEKKHSRAATGILKLLADKNSDLFKKYALF
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HIADVSYFVPEGSSLDKVAERATSVYLVQKVVPMLPRLLCEELCSLNPMTDKLTFSVIWKLTPEGKILE
EWFGRITIR SCKLSYDHAQSMIENPTEKIPKEELPPISPEHSIEEVHQAVLNLHSIAKQLRRQRFVDGA
LRDLQKLAF TLDHETGLPQGCHIYEYRDSNKLVEEFMLLANMAVAHKIFRTFPEQALLRRHPPPTKML
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YALNVPLYTHFTSPIRRFADVIHRLAAALGYSEQPDVEPDALQKQADHCNDRRMASKRVQELSIGLFF
SILVKESGP LSEAMVMGVLNQAFDVLVLRFGVQKRIYCNALALRSYHFQKVGGKPELTLVWEPDDLEE
PIQQVITIFSLVDVVLQAEATALKYSAILKRPGEHSLGLEKESDEEPE

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Restriction Sites:

SgfI-MluI

Cloning Scheme:

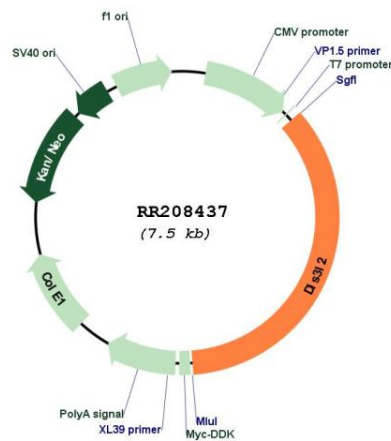


* The last codon before the Stop codon of the ORF

ACCN: NM_001109007

ORF Size:	2670 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:	<u>NM_001109007.2, NP_001102477.2</u>
RefSeq Size:	3168 bp
RefSeq ORF:	2673 bp
Locus ID:	367307
Cytogenetics:	9q35
MW:	99.8 kDa

Product images:



Circular map for RR208437