

Product datasheet for RN204363

Gon4l (NM_001024797) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gon4l (NM_001024797) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gon4l
Synonyms:	Dingo; Yarp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204363 representing NM_001024797 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGCCTTGTAAAGAGAAGTGGAGTGACCGAGTCTGCGCAGCAGCAAGATGACCAGGAGGGCGAAG
ATTTACACCTAGAGGCTGCTGTGAAGCCAGACACGGACCAGTCCCAGACTGCACGTGACAGTCACTGTC
CTGGGGTCAGAGTCACGACAGTGCAGGGTGCCTGAAGTGCCTCCATGCAGGATGTGGCAGTCAGCTC
AGTGTGGAGGGCACGCCTTAAGCTCGAAGATGCTCACCCAGCGTGTGAAGTATGACAGTATCAGAAGCTG
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 CACCAGAAGATCATCAAGTTCTTCAGGGCTGTGCAGACTGCCTTCTCAGGACATCACTGAGCTCAAGA
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 GCGCCCAGCAGCTAACAGGATGGGTGACTTTGAAGAGATCAATTGGACTGAAGAGAAAGAGTATGAGTTT
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 AAAAGCCTCAGAAGCTACCGTCTGTGCCAACATAGCAAGGTCAGCTCCACGGGGGAGAAGGTGGTACTT
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 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001024797

Insert Size:

6771 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_001024797.1, NP_001019968.1

RefSeq Size:

7740 bp

RefSeq ORF: 6771 bp

Locus ID: 499653

UniProt ID: [Q535K8](#)

Cytogenetics: 2q34

Gene Summary: Has transcriptional repressor activity, probably as part of a complex with YY1, SIN3A AND HDAC1. Required for B cell lymphopoiesis.[UniProtKB/Swiss-Prot Function]