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Product datasheet for SC338133

GON4L (NM_001282856) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GON4L (NM_001282856) Human Untagged Clone
Tag:	Tag Free
Symbol:	GON4L
Synonyms:	GON-4; GON4; YARP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282856, the custom clone sequence may differ by one or more nucleotides

ATGTTGCCCTGTAAGAAGAGAAGAACTACAGTGACAGAGTCCCTACAGCATAAAGGCAATCAAGAGGAAA
ACAACGTAGACCTAGAATCAGCCGTTAAACCAGAATCTGACCAGGTTAAGGACTTGAGTTCGGTGTCACT
ATCCTGGGATCCAAGTCATGGCAGAGTAGCTGGCTTCGAAGTACAGTCTTTGCAGGATGCAGGAAATCAG
CTTGGTATGGAGGATACATCTCTGAGCTCTGGAATGCTCACCCAGAACACAAATGTACCAATTCTAGAAG
GTGTTGATGTGGCCATCTCTCAGGGAATCACCCTACCTTCCTTGGAGTCTTTTCACCCCCTTAATATACA
CATTGGTAAAGGAAAACTCCACGCTACTGGCTCAAAGAGAGGGAAAAAAATGACACTCAGGCCTGGGCCA
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TCAAGGAAGAAGGAGGGAAACCTCAAATGAATTCTGAAGGGGAGATACCTTCCCTGCCATCAGGCAGCCA
ATCTGCAAAACCAGTAAGCCAGCCCAGGAAATCAACCCAGCCAGATGTTTGTGCCTCTCCTCAAGAAAAG
CCACTCAGGACTCTGTTTCACCAACCTGAGGAAGAGATAGAAGATGGTGGACTCTTCATTCCAATGGAAG
AACAAGACAATGAAGAAAGTGAGAAAAGGAGAAAAAAGAAAAAGGGTACCAAGAGGAAACGAGATGGAAG
GGGTCAAGAAGGGACCTTGGCATATGACCTGAAACTGGATGACATGCTTGACCGTACCTTGGAGGATGGT
GCCAAGCAGCACAATCTAACAGCAGTCAATGTCCGAAACATCCTTCATGAAGTAATCACAAATGAACACG
TGGTAGCTATGATGAAAGCAGCCATCAGTGAGACGGAAGATATGCCAATGTTTGAGCCTAAAATGACACG
CTCTAAACTGAAGGAAGTAGTGGAAAAAGGAGTGGTAATTCCAACATGGAATATTTCACCAATTAAGAAG
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TGCTTCATCTCCACGTGGGGCAAAGAAATCCAGATTGAGGCAGTCTTCTGAGATGACTGAAACAGATGAG
GAGAGTGGCATATTATCAGAGGCTGAGAAAGTCACCACACCAGCCATCAGGCACATCAGTGCTGAGGTAG
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TGCGGTAGATGAGGAGCTGGCTTCCAGTCCAGTCTGCATGGATTCTTTCCAGCCCATGGATGACAGTCTC
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AAGCTCCAGACATCACTCCAGATATGTATGACCCCAATACGGCAGATGATGAGGACTGGAAGATGTGGCT

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GGGGGGACTTATGAATGATGATGTGGGGAATGAAGATGAAGCAGATGATGATGATGATCCAGAATATAAT
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GATGAGGAAGATGAAATGTCATCAGCTTCTGAGGAATCTGTGCTTTCTGTCCCAGAACTCCAGGAAACAA
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CAAGGGGCACAGCCACAGACCTTCAACATCATCTCCCAGCAGCTGGGAAATAAGACCCCTGCTGAGGTTT
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TGCAACCAGTACCAGCAATGCAGACCAGCTGTCTGACCATGGGGACCTTCTGTCTGAAGAGGAGCTGGAT
GAATGA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_001282856
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_001282856.1, NP_001269785.1
RefSeq Size:	7781 bp
RefSeq ORF:	6726 bp
Locus ID:	54856
UniProt ID:	Q3T8J9

Cytogenetics:	1q22
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] Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 3. Variants 3 and 4 encode the same, longest protein (isoform c).