

Product datasheet for **SC308754**

GON4L (NM_032292) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GON4L (NM_032292) Human Untagged Clone
Tag:	Tag Free
Symbol:	GON4L
Synonyms:	GON-4; GON4; YARP
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032292, the custom clone sequence may differ by one or more nucleotides

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ATGTTGCCTGTAAGAAGAGAAGAACTACAGTGACAGAGTCCCTACAGCATAAAGGCAAT
CAAGAGGAAAACAACGTAGACCTAGAATCAGCCGTTAAACCAGAACTGACCAGGTTAAG
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GGAAAACCTCCACGCTACTGGCTCAAAGAGAGGGGAAAAAATGACACTCAGGCCTGGCCA
GTTACCCAAGAAGACAGATGTGATCATCTTACCCTAAAGGAGCCTTTTTCAGGAGAGCCT
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ATGAATGATGATGTGGGGAATGAAGATGAAGCAGATGATGATGATGATCCAGAATATAAT
TTCTGGAAGACCTCGATGAACCAGACACAGAGGATTTCCGGACTGACCGGGCAGTGAGA

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ATCACCAAAAAGGAAGTAAATGAGCTGATGGAAGAGCTGTTTGAAACTTTCCAAGATGAG
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 CGTCCTAACTTTAACACCCCTCAAGCTCTACGGTTTGAGGAACCACTGGCCAACCTGTTA
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 GAGCGTGATATTTGTGATGACATCAAAGTGAACATGCTGTGGAATTGGACACTGGTGCC
 CCAAGCGAGGAGTTGAGCAGTGTGAGAGAAGTAACGAAAACAGACAGTCTTACAGAAGGAA
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 ACCTCAGGGACAGATGTGAACAAAGGATCATCAAAGAATGCTTTGTCTCAATGGATCCT
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 GAAGAAGAGGACTTTGATGACCTCACCAAGATGAGGAAGATGAAATGTCATCAGCTTCT
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 TTTCTGGACTCAGTAATATGTATCACTTATTGATATGCCACCTGCTTGTGCTGCACT
 ATGGATAGTCCTAAAATCATTGTATTTGA

Restriction Sites:

Please inquire

ACCN:

NM_032292

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_032292.4, NP_115668.4</u>
RefSeq Size:	4738 bp
RefSeq ORF:	4590 bp
Locus ID:	54856
UniProt ID:	<u>Q3T8I9</u>
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 (2) differs in the 5' UTR and contains a 3' terminal exon that extends past a splice site in variant 3. This results in a novel 3' coding region and 3' UTR, compared to variant 3. It encodes isoform b which is shorter and has a distinct C-terminus, compared to isoform c.