

## Product datasheet for **SC106294**

### LIN37 (BC009071) Human Untagged Clone

#### Product data:

|                           |                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                              |
| Product Name:             | LIN37 (BC009071) Human Untagged Clone                                                            |
| Tag:                      | Tag Free                                                                                         |
| Symbol:                   | LIN37                                                                                            |
| Synonyms:                 | F25965; lin-37; lin-37 homolog; lin-37 homolog (C. elegans); MGC9505; protein F25965; ZK418.4    |
| Mammalian Cell Selection: | None                                                                                             |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                 |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                           |
| Fully Sequenced ORF:      | >NCBI ORF sequence for BC009071, the custom clone sequence may differ by one or more nucleotides |

ATGTTCCCTGTGAAGGTGAAAGTGGAGAAATCAGAGCTGGAGATGGCCAAAGCCCGGAACCAACTGGATG  
 CTGTCTTGCAAGTGTCTGCTGGAGAAGAGTCACATGGACAGGGAGCGTCTGGATGAGGAAGCTGGGAAAAC  
 ACCCTCAGACACCCACAATAAGGACTGCTCCATCGCAGCCACTGGCAAAAGGCCATCTGCCCGCTTCCCC  
 CACCAGCGGAGGAAGAAGAGGAGGGAGATGGATGATGGGCTGGCTGAGGGAGGGCCGCAGCGATCCAACA  
 CATATGTGATCAAGCTGTTGACCGGAGCGTGGACTTGGCCAGTTGAGCGAGAACACGCCACTGTACCC  
 AATCTGCCGCGCCTGGATGCGCAACAGCCCTCTGTGCGGAGCGTGAATGCTCTCCAGCTCACCCCTG  
 CCCCCGCTGCCTGAGGATGAGGAGGGCTCAGAGGTAACCAACAGCAAGAGTCGTGATGTGTACAAGCTGC  
 CGCCACCCACACCCCGGGGCCACCCGAGATGCCTGCAGATCCCGCATCCCATCTCCACTGCAGCCTGA  
 GATGCAGGGCACCCCTGACGATGAGCCCTCTGAGCCCGAGCCCTCACCTCCACACTCATCTATCGCAAC  
 ATGCAGCGCTGGAAACGCATCCGCCAGAGGTGGAAGGAGGCTCTCATCGGAACCAGCTTCGTTACTCAG  
 AAAGCATGAAGATCCTACGAGAGATGTACGAACGACAGTGA


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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for BC009071 unedited</p> <pre> TTGTATACGACTTCACTATAGGGCGGCCGCAATTTCGCACGAGGCTGGACACAACCAAAG GCGGAGGACCCGTGGCCACGAAGCTCATCTTTGAACTGTCCCCGCTTCTCCGCTTG ACTTGTGACCCCTAGGCCCTTTGGGGCGCCTCTGACCCAGCTAGCCAGATCCCGACCCAA ACCATGTTCCCTGTGAAGGTGAAAGTGGAGAAATCAGAGCTGGAGATGGCCAAAGCCCGG AACCAACTGGATGCTGTCTTGCACTGTCTGCTGGAGAAGAGTCACATGGACAGGGAGCGT CTGGATGAGGAAGCTGGGAAAACACCCTCAGACACCCACAATAAGGACTGCTCCATCGCA GCCACTGGCAAAAGGCCATCTGCCCGCTTCCCCCACCAGCGGAGGAAGAAGAGGAGGGAG ATGGATGATGGGCTGGCTGAGGGAGGGCCGACGATCCAACACATATGTGATCAAGCTG TTCGACCGGAGCGTGGACTTGGCCAGTTCAGCGAGAACACGCCACTGTACCCAATCTGC CGCGCCTGGATGCGCAACAGCCCTCTGTGCGCGAGCGTGAATGCTCTCCAGCTCACCC CTGCCCCCGCTGCCTGAGGATGANGAGGGCTCAGAGGTAACCAACAGNCAGATCGTGAT GTGTACAAGTGCCGCCACCCACACCCCGGGGCCACCCGGAGATGCCTGCAGATCCCGC ATCCCATCTCCACTGCAGCCTGAGATGCANGGCACCCCTGACGATGAGCCCTCTGAGCCC GAGCCCTTACCCTTACACTTATNTATCGCANCATGCAGCGCTGGAACGCCATCGCCAG AGTGAAAGGAGCCTCTCATCGGAACCAGCTTCGTTCTCAAAGCTGAAGATCTCGAGAG AGTACGAC </pre> |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACCN:</b>                        | BC009071                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Insert Size:</b>                 | 7000 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Components:</b>                  | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq:</b>                      | <u>BC009071.1, AAH09071.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>                 | 898 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq ORF:</b>                  | 741 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Locus ID:</b>                    | 55957                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>                | 19q13.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Summary:</b>                | This gene encodes a protein expressed in the eye. [provided by RefSeq, Jul 2008]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |