

## Product datasheet for **SC324166**

### **GHDC (NM\_032484) Human Untagged Clone**

#### **Product data:**

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | GHDC (NM_032484) Human Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | GHDC                                  |
| Synonyms:                 | D11LGP1; LGP1                         |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | pCMV6-AC (PS100020)                   |
| E. coli Selection:        | Ampicillin (100 ug/mL)                |



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**Fully Sequenced ORF:** >OriGene sequence for NM\_032484.3  
 GATGTGTGCTGAGACCCAGAGTCACCCAGGGGTCTCCGTACGTGCCAGGAGTAGGCAGA  
 AGTGGGCTGTGACAGATCAGGAAACAGAGCTCAGTGCAGCCCACTAAATTGCTCAGGGCC  
 CTACAGCTAACAAGCGGCAGAGGCAGGATCTGCACTCAGGAGCTGCTTGGAGATGCTGCT  
 GTGGCCACTGCTGCTGCTGCTGCTGCTGCCAACATTGGCCCTGCTCAGGCAGCAGCG  
 GTCCCAGGATGCCAGGCTGTCTGGCTTGTGGCTCCAGCACCGAGTGGCATGGGGGGC  
 CCTGGTCTGGGCAGCCACCTGGCAGCGGGGAGGCTGGAGCAGAGCACGCTCCATGTGCA  
 CCAGAGCCAGCAGCAGGCCCTGAGGTGGTGTCTACAGGGAGCCAGCGCCCCCACTGTTT  
 CCTCAGAAAGGAGCACAGACATAAGCACCTTCCGGAATCATCTCCCTCTGACCAAGGCCAG  
 CCAGACCCAGCAGGAAGACAGTGGAGAGCAGCCACTGCCCCGACCTCAAACCAGGACCT  
 TGGGGAGGCCCTCTGTCAGGCCACCTTGTGGGTCTGGCAGCCCTAAACAAGGCCTACCC  
 AGAAGTGTGGCTCAGGGACGCACTGCCGTGTGACGCTTACATCCCCTTGGCCCCGACC  
 CCTGCCTTGGCCTGGGAATACCTGGGCCAGGTGGGCACCCCTGGAACCAAGGACCTAG  
 GGCCCTGCTGCTGGACGCACTGAGGTCCCAGGGCTGAGGGCACTGGAGGCTGGGACGGC  
 TGTGCAACTTCTGGATGTTTTCTTGGGCCTGGAGACTGATGGTGAAGAGCTAGCTGGGGC  
 GATAGCTGCCGGGAACCTTGGAGCGCTCTCCGTGAACGGGCAGCTGAGCTCCGGGAGGC  
 CCTAGAGCAGGGGCCACGGGACTGGCCCTTCGGCTCTGGCCAAAGCTGCAGGTGGTGGT  
 GACTCTGGATGCAGGAGGCCAGGCCGAGGCTGTGGCTGCCCTCGGGGCTTGTGGTGCCA  
 AGGACTAGCCTTCTTCTCCTGCTTATGCTGCCCTCGGGAGGGGTGCTGGGCCTAAACCT  
 ACAGCCAGAGCAGCCCCATGGGCTCTACCTTCTGCCCCCTGGGGCCCCCTTTATCGAGCT  
 GCTCCAGTCAAGGAAGGCACCCAGGAGGAAGCTGCCTCCACCCTCCTTTTGGCCGAGGC  
 CCAGCAGGGCAAGGAGTATGAGCTGGTGTGACGGACCGGCCAGCCTCACCAGGTGCCG  
 CCTGGGTGATGTGGTGCGAGTGGTTGGTGCCTACAATCAGTGTCCAGTGTCCAGTTCAT  
 CTGAGGCTGGACCAGACCTGAGTGTGCGAGGGGAAGATATTGGTGAAGACCTGTTCTC  
 TGAGGCCCTGGGCCGGCAGTGGGCGAGTGGGCGGGGCCAAGCTGCTGGACCATGGCTG  
 TGTGGAGAGCAGATTCTGGATTCTCTGCGGGCTCTGCTCCCCACTACGAGGTGTTTGT  
 GGCGCTGAGGGGGCTGAGGAATCTGTCAGAGGAAAATCGAGACAAGCTGGACCACTGCCT  
 TCAGGAAGCCTCTCCCCGCTACAAGTCCCTGCGGTTCTGGGGCAGCGTGGGCCCTGCCAG  
 AGTCCACCTGGTGGGGCAGGGAGCCTTCCGAGCACTCCGGGCAGCCCTCGCTGCCTGCCC  
 CTCCTCCCCCTTCCCCCTGCGATGCCCGGGTCTTCCGACAGGCACCTGGCCCAGTG  
 TCTGCAGGAGAGGGTGGTGTCTGAGTCAAGTCTGCCCCACCGCCAGCTCCCCCAGA  
 GGCCACCTCGCCCTCCCTCTGGGACCTCTCCGATGGGGAGTCTTGGCCAGGGTCTCT  
 GACTCTGTGTACCTGACATTTGCCCATGAGAGCCGCTGGGCCTTAGAGAGGCCTTGGCC  
 CAGCTGACCGGTTCTGAAGTATGGGCCTCCGGGGTTAGCAGATGCCAGCAGTGCCTGCCC  
 GTGTCCCCATGTCCCGCATGAAGGACACTGCTAGAGAGTTACCATGCACACCGATGGTT  
 TCCTGTATCACAGCCAAAGAGGTTCTCTGGTGGCCACAGCTGTGTGCTCAGTCAGTGCA  
 CTGGGCAAGCTAGAAGTGTGGGGGGTTAATGTCCCCAGGAGCAGCAACCCTGAGTCAAT  
 AAGGAGCAGGACCTCAGCTTCATTGTCTTGGAGGACAATTCTGAAGTGTATTCTACA  
 TAAACTCTCAGAGGATGCCAGCAGGATGGAGTCCAGTTGCCCGCAGCAGTAACCCACT  
 CATTGATGACTTCTGCGGGGGCTCTCCCTTCCCTCTCTTCCCCACTCCCCCGCTTGG  
 GCTTCTGGGATGGCTCCCAAATAAACCTTTCACCCAGAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_032484

**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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <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><a href="#">NM_032484.3</a></u> , <u><a href="#">NP_115873.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 2649 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1593 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 84514                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q8N2G8</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 17q21.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Domains:</b>               | GH3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |