

## Product datasheet for **SC123712**

### LOC100147773 (BC009228) Human Untagged Clone

#### Product data:

|                    |                        |
|--------------------|------------------------|
| Product Type:      | Expression Plasmids    |
| Tag:               | Tag Free               |
| Symbol:            | LOC100147773           |
| Mammalian Cell     | None                   |
| Selection:         |                        |
| Vector:            | <u>pCMV6-XL5</u>       |
| E. coli Selection: | Ampicillin (100 ug/mL) |

**Fully Sequenced ORF:** >OriGene sequence for BC009228 edited  
 GGCACGAGGCTCACTGGAGCTGAAGGGCTGGTAGTCAGGCCGAATCTCGCGAGAATTGGA  
 ACTATTTTCAGAGCCAGAGGAGGATAGTGGCGGCGGCGAACTTTGCCCGGTAGTTTTACT  
 GACTGGGGTGCTGGCGCGCGCCTTTTCTCGGCCAGAATCCAGTTATTGGGATAGTCTTG  
 ACTTCTACCTCAGCCCAACTTCTGTGGTCGTAATATTAGTTTAGCTTGGGTTTGCCGTGA  
 AGTAAGAAGACTGACTTCCGCAAACGTAAGTGAACGACTGGGTGTAGGTGCCAGGGCATGG  
 ACGTGAAGCTGGAACCGCGAAATGAGTTAGTTGTGGGCGCTGGCCTCAAGGAGCGAACG  
 TCAGCGCGAAGAGGAGAAGCTTGTGCATACGCTCTGATAAGGGTTTTAATAGAGGTATTA  
 CCACAGTGCTGCGTGACACGGTTGAGAGAGTGGTCAGAAGAAGCTAATGAAAGGAATTGA  
 AGCAGTGCCTTAGGGGAGTAGGAGTACTTTTGGAGATAGCAAAGGACTTTCTAGGCAAAG  
 TGGAAGTCAAAGCACGGATGCCTGAAAATTCATAGTGTGATAGTGCAGTGAGTAATGTAT  
 CTAGAGAAGGGGTCTTAAACCCAGATGCCTAGACTGGCGAGAGAAAATAAATTATCTTAT  
 GCAAGCTGAGCCTAAACAAATGGTGGAAAGTTACTACGATGGATAAGTGAGCATTAAAGTTC  
 ATCTGAAAGGAGAATTTGATACCCAAATCCAACCATTTCTCTAGGAGAATGAGCACCCA  
 GTTTCTGAGATGTCTTCGTTTCTCAGGAAAATCCAGAAATCCTGGGTTTTATGTGAACT  
 TAATTTATAAGTGTGCTAACTAATTAAAATTCAAAAATGTCAAAAAAAAAAAAAAAAAAA  
 AA



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|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for BC009228 unedited</p> <pre> GCGTCGGTTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTCACTGG AGCTGAAGGGCTGGTAGTCAGGCCGAATCTCGCGAGAATTGGAACATTTTCAGAGCCAGA GGAGGATAGTGCGCGCGCGCAACTTTGCCCGGTAGTTTTTACTGACTGGGGTGCTGGCGC GCGCCTTTTCTCGGCCAGAATCCAGTTATTGGGATAGTCTTGACTTCTACCTCAGCCCA ACTTCTGTGGTCGTAATATTAGTTTAGCTTGGGTTTGCCGTGAAGTAAGAAGACTGACTT CCGCAAACGTACTGAACGACTGGGTAGGTGCCAGGCCATGGACGTGAAGCTGGAACCG CGAAATGAGTTAGTTGTGGCCGCTGGCCTCAAGGAGCGAACGTCAGCGGAAGAGGAGA AGCTTGTGCATACGCTCTGATAAGGGTTTTAATAGAGGTATTACCACAGTGCTGCGTGAC ACGGTTGAGAGAGTGGTCAGAAGAAGCTAATGAAAGGAATTGAAGCAGTGCCTTANGGGA GTAGGAGTACTTTTGGAGATAGCANAGGACTTTCTAGGCAAAGTGAAGTCAAAGCACGG ATGCCTGAAAATTCATAGTGTGATAGTGCAGTGAGTAATGTATCTAGAGAAGGGGTCTTA AACCCAGATGCCTAGACTGGCGAGAGAAAATAAAATTATCTATGCAAGCTGAGCCTAAAC AAATGGTGGAAGTTACTACNATGGATAAGTGAGCATTTAAGTCATCTGAAGGAAGAATTG ATACCAATTCAACCCATTTCTCTAGAGAATGAGCACCCAGTTTCTGAGATGTCTTCGTT TCTAAGGAAATCCAAATCCTGGGTTTATGTGAAACTATTATAAAGGTGGGTNACTAA TAAAATTCAAAGGTGCAAA </pre> |
| <b>Restriction Sites:</b>           | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ACCN:</b>                        | BC009228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Insert Size:</b>                 | 902 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>Note:</b>                        | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq:</b>                      | <a href="#">BC009228.1</a> , <a href="#">AAH09228.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq Size:</b>                 | 902 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Locus ID:</b>                    | 100147773                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cytogenetics:</b>                | 1q24.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |