

## Product datasheet for **SC115160**

### PRO0456 (NM\_014127) Human Untagged Clone

#### Product data:

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | PRO0456 (NM_014127) Human Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | PRO0456                                  |
| Mammalian Cell Selection: | None                                     |
| Vector:                   | <u>pCMV6-XL5</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |



[View online »](#)

**Fully Sequenced ORF:**

```
>OriGene sequence for NM_014127 edited
GAATTCGGCACGAGGCGCAAATAGATTTGATGTTACAAAACCTGCACCATTATGATTGCTC
TGTAATGGATTTTTGAAAAGCATTGTGAAATGGAGATGACTTTCCAGTGCTGATGTCAA
AATGCATATGCAGAGTTTAAATATAATTTGTGTGTTTTGTTTTTGAGACAGGGTCTTG
CTCTGTCTCAAGTGGAGTACAGTGGCGAGATCATGGCTTACCACAGCCTCAACTTCTCAG
GCTCCAGCCATCTCTCACCTCAGCCTCCCAAGTAGCTAGGACTACAGGCGTGTGCCACC
ACACCCAGCCAATTTTTGTATTTTTTTGTAGAAATGGGCTTTGGCCATGTTGCCCAGGCT
GGCCTCGAACTCCTGAGCCCAAGCAATCTGCCTGCCTCGGCCTCCCAAAGTGCTGGGATT
ACAGGCAGGAGCCACTGTGCCTGGCCTAATTTTATAATTTTAAATGTCTGTAAAGTAAGC
AAAATGACTAGTTGAATTGTACATTAAATATATCTAATCCCTAAGAGTTTATAATGGAAA
GGGATCAAACTTTTTCAATTGCGATAAACTCACATAACAAAATTAACCATTTTAAAGT
GAACAATTTAGTGGTATTTAGTGCATTACAGTGTCTGTCAGCCAACACCTGTATCTAGT
TCCAAGACATTTTCATCTCCCCAAAGGAGACCCATACAGTGAAGCAGTCCCTCTCCC
ATCCCCCTCCTCCATCCGCTAGCAACTGCTAATTTGCTTTTTGTCTCTATGGATTTACC
TGTTCTGGATATTTACATAAATGGAATTATACAATAAAGGACCGTTTGTTCCTAACTTC
TTTCACTAAGCATCCATGTTATAGCATATATCAGACTTCATTCTTTATGACTGAATAAT
ACTTTGTGAATGGATATATCAGTGTTTTATTTGTCTTTTCATCAGTTGGTGGACATTTG
GGTTCTTTCTACCTTTTGGCTATTGTGACTAGTGGTGTGCAAACATTCATGTACAAGTT
TTTGTTTGAATGCCTGTTGTGCTGTTCTTAGATATATACTTAGAAGTGAATGCTGGG
TCATATGGTAATTTCTCTGTTTCACTTTTTGAGAGACCAGAAACCGTTTTCCACAGTG
GTGGCACCATTGACATGCCACTAGAAATATATGAGAGTTCCATTTTCTTCACATCTTC
TGACAGCTTTTTGGGGTGTGGGATGATTCGTCTAATTGGGAAAAAAGTACCTTATTTG
GGCCTATATGGTATTTTAATTTCTGTGTCTGCTCCCAAACCTGTAGCCCTGCCCTCC
CTTATATTGTGTATCCTGTTTCAGATTGTTTCCGTTTCTTCTGAGACACTGCATATACCC
CTACATGTATCTGTGCTAGGCATACATCCCTGTAACCTTCATGGCATTTTTGAATTGCTG
TGTACCTGTTACGTATACTGAGTGGGAGTGTCTCATTTGCTGTAGAACTCTCTGCATTAG
TGTAAGTGTCTGGCACACAGTAGCTGCTCAGGCATTTTTTAAGTATATGATTATTGGGAAA
ACTACAGAGCTAGGGAGAGATCTGAAGAAATACTAGAAATTTTTTCTGCAAAGAAAAC
TTAGAAAATTGTTGACATCATCTGTGGCATGCAGCAAAAGTTGATGTAAAAGGAACAGAA
AGACCTATGGAGATAATGGGATGTAATAACAGAAAACATACAGAAACAATTGGTTCTGAA
ATCAGTTAAGAGCAGAACTGGAATTCATACTCTGTGGAATGAATCAGCAATGTGGAAGGA
GTAACAAGATTTTTTAAAAAGATTTTGAATTTAGGCTGGGTGCAGTGGCTCACGCCTGTG
ACCCCATCACTTTGGGAGGCCAGAGTGGGTGGATTGCTTCAGCCCAGGCGTTTCGAGACTA
GCCTGGACAGCATGGCAAAACCTATCTCTACAAAAAATAAAAAATTAGCCAGGTGTGGT
GGCATGCGCCTGTAGTCCCATCTACTTTGGGAGGCTGAGGTGGATGGATCACCTGAGCCTG
GGAAGTGGAGGTTGCAGTAGGCTGAAGTCATGCCACTGCACTCAAACCTGGCGGACAGAG
TGAGACCCCTATCTCAAAAAAAAAAAAAAAAAAAGTCGAC
```

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_014127 unedited  
 NGTTANGATTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGCGCAAATA  
 GATTTGATGTTACAAAACGACCATATGATTGCTCTGTAATGGATTTTNTGAAAAGCA  
 TTGTGAAATGGAGATGACTTTCCAGTGCTGATGTCAAAATGCATATGCAGAGTTTAAAT  
 ATAATTTTGTGTGTTTTGTTTTTGAGACAGGGTCTTGCTCTGTCTCAAGTGGAGTACAG  
 TGGCGAGATCATGGCTTACCACAGCCTCAACTTCTCAGGCTCCAGCCATCCTCTCACCTC  
 AGCCTCCCAAGTAGCTAGGACTACAGGCGTGTGCCACCACACCCAGCCAATTTTGTATT  
 TTTTGTAGAAATGGGCTTTGGCCATGTTGCCAGGCTGGCCTCGAACTCCTGAGCCCAA  
 GCAATCTGCCTGCCTCGCCTCCCAAAGTGCTGGGATTACAGGCAGGAGCCACTGTGCCT  
 GGCCTAATTTTATAATTTTAAATGTCTGTAAAGTAAGCAAAATGACTAGTTGAATTGTAC  
 ATTAAATATATCTAATCCCTAAGAGTTTATAATGGAAAGGGATCAAACTTTTCAATTG  
 CGATAAACTCACATAACAAAATTAACCATTTTAAAGTGAACAATTTAGTGGTATTTAGT  
 GCATTCACAGTGTCTGTCAGCCAACACCTGTATCTAGTTCCAAGACATTTTCATCTCCCC  
 AAAGGAGACCCCATACAGTGAAGCAGTTCCTCTCCCATCCCCCTCTTCCATCCGCTAG  
 CAACTGCTAATTTGCTTTTGTCTCTATGGATTTACCCTGTCTGGATATTCACCATAATG  
 GAATCATCCATAAAGACCGTTTGTCTCTACTTTTCACTAGCATCCCATGTATAGATATT  
 CAAACTTCTT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_014127 unedited  
 TTTGGCCGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGAAGGGTCTCA  
 CTCTGTCCGCCAGGTTTGAGTGCAGTGGCATGACTTCAGCCTACTGCAACCTCCACTTCC  
 CAGGCTCAGGTGATCCATCCACCTCAGCCTCCCAAGTAGATGGGACTACAGGCGCATGCC  
 ACCACACCTGGCTAATTTTTTATTTTTTTAGAGATAGGGTTTTGCCATGCTGTCCAGGC  
 TAGTCTCGAACGCCTGGGCTGAAGCAATCCACCCACTCTGGCCTCCCAAAGTGATGGGGT  
 CACAGGCGTGAGCCACTGCACCCAGCCTAAATCAAAATCTTTTTAAAAAATCTTGTTAC  
 TCCTTCCACATTGCTGATTTCACACAGAGTATGAATCCAGTCTGCTCTTAACTGAT  
 TTCAGAACCAATTGTTTCTGTATGTTTTCTGTTATTACATCCCATTATCTCCATAGGTCT  
 TTCTGTTCTTTTACATCAACTTTTGTGTCATGCCACAGATGATGTCAACAATTTTCTAA  
 AGTTTTCTTTGCAGAAAAAATTTCTAGTATTTCTTCAGATCTCTCCCTAGCTCTGTAGT  
 TTTCCCAATAATCATATACTTAAAAAATGCCTGAGCAGTACTGTGTGCCAGACACTACA  
 CTAATGCAGAGAGTTCTACAGCAAATGAGACACTCCCACTCAGTATACGTAACAGGTACA  
 CAGCAATTACAAAATGCCATGAAGTTACAGGGATGTATGCCTAGCACAGATACATGTAG  
 GGGTATATGCAGTGTCTCANAAGAAACGGAACAATCTGAAACAGATACACATATAGGGAG  
 GGCAGGCTACAGAGTTTGGGAGCCACCACAGATTTAAATACATATGGCCCNATAGTACT  
 NATTTCCN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_014127

**Insert Size:**

2050 bp

**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: | <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> |
| RefSeq:                | <u>NM_014127.1, NP_054846.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq Size:           | 1784 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RefSeq ORF:            | 300 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:              | 29045                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:          | 17q23.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary:          | DISCONTINUED: LocusID 29045 was defined by AF090926.1 and NM_014127.1 which contain L1MB5 repeat sequences and do not appear to represent a protein coding gene.                                                                                                                                                                                                                                                                                                                                                  |