

## Product datasheet for **SC205855**

### Protor 1 (PRR5) (NM\_015366) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | Protor 1 (PRR5) (NM_015366) Human 3' UTR Clone   |
| Symbol:                   | Protor 1   |
| Synonyms:                 | FLJ20185k; PP610; PROTOR-1; PROTOR1  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_015366  |
| Insert Size:              | 464 bp   |
| Insert Sequence:          | <p>&gt;SC205855 3'UTR clone of NM_015366</p> <p>The sequence shown below is from the reference sequence of NM_015366. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGCTCTGGGGGCCGCGAGAGTGTCTGTAGGGCCTCACAGCTGGCCTTGAGTTTTTACTGACACGTCCC
TGTGTGCGGGGGTGTCCATGTGGCGTGTGTGTGAGTGAGACTTTTTTACTGCGTCCCGTCCCGCCAGCC
CTATCGGCCTCGTCACTGGCCTTGGTCACTTTGTATTTCTGTCTTGGTTGAAATACCATCAGCCTTCC
TTGCTCGGCCAGGTCTGTTTCAGGCATCTGAGTCGGCGTTTACCCAGGGGCCGGCCAGAGACGGGGG
TCGGCCGCTCGCTCCACGCTCCTCTGCCCGAGCCCTCTGGTGTCCACACCTGCCACAGAGAATGTA
AACCCAGTGGGCTCTGCCACGCGGGGCCCAAAGTGACCAGACTCCAGCACACCTGTCTCTCTGCC
TGGGGTGGCCATGGGGATGGAAGGGGTGGAATAAAACCTGTCAACCTGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCGCCTTCTATGAAAGG
  
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|                    |   |
|--------------------|---|
| Restriction Sites: | SgfI-MluI   |
| OTI Disclaimer:    | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs). |
| Components:        | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.  |


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RefSeq: [NM\\_015366.4](#)

**Summary:** This gene encodes a protein with a proline-rich domain. This gene is located in a region of chromosome 22 reported to contain a tumor suppressor gene that may be involved in breast and colorectal tumorigenesis. The protein is a component of the mammalian target of rapamycin complex 2 (mTORC2), and it regulates platelet-derived growth factor (PDGF) receptor beta expression and PDGF signaling to Akt and S6K1. Alternative splicing and the use of alternative promoters results in transcripts encoding different isoforms. Read-through transcripts from this gene into the downstream Rho GTPase activating protein 8 (ARHGAP8) gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene. [provided by RefSeq, Nov 2010]

Locus ID: 55615

MW: 16