

## Product datasheet for SC205556

### P2X2 (P2RX2) (NM\_174872) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | P2X2 (P2RX2) (NM_174872) Human 3' UTR Clone  |
| Symbol:                   | P2X2   |
| Synonyms:                 | DFNA41; P2X2   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_174872  |
| Insert Size:              | 446 bp   |
| Insert Sequence:          | >SC205556 3'UTR clone of NM_174872<br>The sequence shown below is from the reference sequence of NM_174872. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
ACAGACCCCAAAGGTTTGGCTCAACTCTGAGCTCCTTTCCATCTCACTGGACTGCAGACCCGGCCTGGT
GGGGCCAGAGAGTCCCCAGCTAGGGACCTGCACGTGGACGTGGGCACCTCAGTAGCGGAGCATCTCCAC
GAAACGGGGCACCACAGGATCCCTGTGCAAGGGCTGGGGGCACGCTCTGGCCCCAGGCTTGTCCCCAC
CCTGGCATAACAGCCCCTGACACCTCCTCCCAGCTGGTCCCTACAGGGCTGCTCACTTCCCATCACCTC
TCACAGCCACCTGGAACCCAAGCCAGCTGAGCTCTGAGGGGCTCTGCTCCCGGTCTTGGGCCTGGGAA
CCCCACCCACCCACCCACAGGCGTTGTAACCTTGAATCTGCCAGACTCTTCCCTTAGAAGTCACA
ACATACTCAGTCCAATAAACCTGTGAGCAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

|                    |   |
|--------------------|---|
| Restriction Sites: | Sgfl-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.  |



RefSeq: [NM\\_174872.3](#)

**Summary:** The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Aug 2013]

Locus ID: 22953

MW: 15.7