

Product datasheet for **SC319680**

P2Y12 (P2RY12) (NM_022788) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | P2Y12 (P2RY12) (NM_022788) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | P2Y12 |
| Synonyms: | ADPG-R; BDPLT8; HORK3; P2T(AC); P2Y(12)R; P2Y(AC); P2Y(ADP); P2Y(cyc); P2Y12; SP1999 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene sequence for NM_022788.3 |

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ATCACAATCAGAAGACAGGAGCTGCAGAACAGAACTTTCTCATGTCCAGGGTCAGATT
ACAAGAGCACTCAAGACTTTACTGACGAAAACCTCAGGAAATCCTCTATCACAAGAGGTT
TGGCAACTAACTAAGACATTAAGAGGAAAATACAGATGCCACTCTGCAGGCTGCAATA
ACTACTACTTACTGGATACATTCAAACCTCCAGAATCAACAGTTATCAGGTAACCAACA
AGAAATGCAAGCCGTCGACAATCTCACCTCTGCGCCTGGGAACACCAGTCTGTGCACCAG
AGACTACAAAATCACCCAGGTCCTTCCCACTGCTCTACACTGCTCTGTTTTTTGTTGG
ACTTATCACAATGGCCTGGCGATGAGGATTTTCTTTCAAATCCGGAGTAAATCAAACCTT
TATTATTTTTCTTAAGAACACAGTCATTTCTGATCTTCTCATGATTCTGACTTTTCCATT
CAAAATTCCTAGTGATGCCAACTGGGAACAGGACCACTGAGAACTTTTGTGTGCAAGT
TACCTCCGTCATATTTATTTACAATGTATATCAGTATTTTCTTCTGCGGACTGATAAC
TATCGATCGCTACCAGAAGACCACCAGGCCATTTAAACATCCAACCCCAAAATCTCTT
GGGGGCTAAGATTCTCTCTGTTGTCATCTGGGCATTCTGTTCTTACTCTCTTTGCGCTAA
CATGATTCTGACCAACAGGCAGCCGAGAGACAAGAATGTGAAGAAATGCTCTTTCCTTAA
ATCAGAGTTCCGTCTAGTCTGGCATGAAATAGTAAATTACATCTGTCAAGTCATTTTCTG
GATTAATTTCTTAATTGTTATTGTATGTTATACACTCATTACAAAAGAACTGTACCGGTC
ATACGTAAGAACGAGGGGTGTAGGTAAGTCCCCAGGAAAAAGGTGAACGTCAAAGTTTT
CATTATCATTGCTGTATTCTTTATTTGTTTGTTCCTTTCCATTTTGCCGAATTCCTTA
CACCTGAGCCAAACCCGGGATGCTTTGACTGCACTGCTGAAAATACTCTGTTCTATGT
GAAAGAGAGCACTCTGTGGTTAACTTCCTTAAATGCATGCCTGGATCCGTTTCATCTATT
TTTCCTTTGCAAGTCCTTCAGAAATTCCTTGATAAGTATGCTGAAGTGCCCAATTCTGC
AACATCTCTGTCCAGGACAATAGGAAAAAAGAACAGGATGGTGGTGACCCAAATGAAGA
GACTCCAATGTAAACAAATTAACAAAGGAAATATTTCAATCTCTTTGTGTTCAGAACTCG
TTAAAGCAAAGCGCTAAGTAAAAATATTAAGTACGAAGAAGCAACTAAGTTAATAATAA
TGACTCTAAAGAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: Please inquire



[View online »](#)

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| ACCN: | NM_022788 |
| Insert Size: | 1029 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). |
| OTI Annotation: | 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. |
| 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"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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. |
| Note: | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq: | <u>NM_022788.3</u> , <u>NP_073625.1</u> |
| RefSeq Size: | 1502 bp |
| RefSeq ORF: | 1029 bp |
| Locus ID: | 64805 |
| UniProt ID: | <u>Q9H244</u> |
| Cytogenetics: | 3q25.1 |
| Domains: | 7tm_1 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |
| Gene Summary: | <p>The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is involved in platelet aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Mutations in this gene are implicated in bleeding disorder, platelet type 8 (BDPLT8). Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p> |