

Product datasheet for **SC323852**

P2Y10 (P2RY10) (NM_014499) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2Y10 (P2RY10) (NM_014499) Human Untagged Clone
Tag:	Tag Free
Symbol:	P2Y10
Synonyms:	LYPSR2; P2Y10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_014499.2
 TGCCGCCAGAGTAAAGCTTTCTACCCCTTACTCCCTGCAAAGAAACAAGAGTGCTTATCC
 CAGCTAAGCTCCAGGGTAATGTTATCATGACAGCTTCACTTTTAGACCACAGGCAAATG
 CTTTGTAAAACCTCTATGCTGGTCATCCCTTCAGGATTTGGCACTCACCAACATACCCT
 TCTTTCAAGTGAAAAGGCATCTCTTTAATGGTCCTGACCTTTGGAATAGGAAGCATGTA
 CCCTGGACAGAGCACTTCAAACCTAGAGGAACCATAAATCCATGGCTAACCTTGACAAATA
 CACTGAAACATTCAGATGGGTAGCAACAGTACCAGCACTGCTGAGATTTACTGTAATGT
 CACTAATGTGAAATTTCAATACTCCCTCTATGCAACCACCTATATCCTCATATTCAATCC
 TGGTCTTCTGGCTAACAGTGCAGCCTTGTGGGTTCTGTGCCGCTTCATCAGCAAGAAAAA
 TAAAGCCATCATTTTCATGATCAACCTCTCTGTGGCTGACCTTGCTCATGTATTATCTTT
 ACCCTCCGGATTTACTATTACATCAGCCACCACTGGCCTTTCCAGAGAGCCCTTTGGCT
 GCTCTGCTTCTACCTGAAGTATCTCAACATGTATGCCAGCATTGTTCCTGACGTGCAT
 CAGTCTTCAAAGGTGCTTTTTCTCCTCAAGCCCTTCAGGGCCAGAGACTGGAAGCGTAG
 GTACGATGTGGGCATCAGTGTGCCATCTGGATCGTTGTGGGGACTGCCTGTTTGCCATT
 TCCCATCTGAGAAGCACAGACTTAAACAACAACAAGCTCTGCTTTGCTGATCTTGATA
 CAAGCAAATGAATGCAGTTGCGTTGGTCGGGATGATTACAGTTGCTGAGCTTGCAAGGATT
 TGTGATCCAGTGATCATCATCGCATGGTGTACCTGGAACCACTATATCCTTGAGACA
 GCCACCAATGGCTTTCCAAGGGATCAGTGAGAGGCAGAAAGCACTGCGGATGGTGTTCAT
 GTGTGCTGCAGTCTTCTCATCTGCTTCACTCCCTATCATATTAACCTTTATTTTTACAC
 CATGGTAAAGGAAACCATCATTAGCAGTTGTCCCGTTGTCCGAATCGCACTGTATTTCCA
 CCCTTTTTGCCTGTGCCTTGAAGTCTCTGCTGCCTTTGGATCCAATCTTTTACTT
 TATGGCTTCAGAGTTTCGTGACCAACTATCCCAGCATGGCAGTTCTGTGACCCGCTCCCG
 CCTCATGAGCAAGGAGAGTGGTTCATCAATGATTGGCTAAAATTAAGATATCTCTTTAAT
 TACGCCTTTGTTTACCTACGTTCTTGTCTTTTTCCAAAGGCCAGAATTGTCAACCAATT
 TCTTTAATTGAACATTGTAAAAACAGGAATAAGTACTTTTGTGTAATATTCACAGTCAA
 CAGGGGTGTGATGGTGAAGGCAGAGTGTAAAAACGTGAGAGAGGAAGAGAAAATAGATT
 TACCTGATTCCTCTTAAAAATCAAGCCACTTTCTATTTAAGAAACCTAGATCAAGTTT
 TTACAGATGTAATAAAAAGTTGAATAGTTTACCTTAAATTTTTTCAATAAGTAAGTTAT
 TGTTAATAATGCACAGTAAATATGTGAATTTTTCTAGATGTAAAAAATCTTTTCT
 ATATAAGACCTTAAATCTGAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_014499

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:

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.

RefSeq: [NM_014499.2](#), [NP_055314.1](#)

RefSeq Size: 1871 bp

RefSeq ORF: 1020 bp

Locus ID: 27334

UniProt ID: [O00398](#)

Cytogenetics: Xq21.1

Domains: 7tm_1

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Gene Summary: The protein encoded by this gene belongs to the family of G-protein coupled receptors that are preferentially activated by adenosine and uridine nucleotides. There is a pseudogene for this gene nearby on chromosome X. Multiple alternatively spliced transcripts have been observed. [provided by RefSeq, Apr 2016]
Transcript Variant: This variant (1) represents the longest transcript. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.