

Product datasheet for **SC107139**

P2Y8 (P2RY8) (NM_178129) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	P2Y8 (P2RY8) (NM_178129) Human Untagged Clone
Tag:	Tag Free
Symbol:	P2Y8
Synonyms:	P2Y8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_178129, the custom clone sequence may differ by one or more nucleotides

ATGCAGGTCCCGAACAGCACCGGCCCGGACAACGCGACGCTGCAGATGCTGCGGAACCCGGCGATCGCGG
 TGGCCCTGCCGTGGTGTACTCGCTGGTGGCGGCGGTGAGCATCCCGGGCAACCTCTTCTCTGTGGGT
 GCTGTGCCGGCGCATGGGGCCAGATCCCGTCCGGTCACTTCATGATCAACCTGAGCGTCACGGACCTG
 ATGCTGGCCAGCGTGTTCCTTTCCAAATCTACTACCATTGCAACCGCCACCACTGGGTATTCGGGGTGC
 TGCTTTGCAACGTGGTGACCGTGGCCTTTACGAAACATGTATTCCAGCATCCTACCATGACCTGTAT
 CAGCGTGGAGCGCTTCTGGGGTCTGTACCCGCTCAGCTCCAAGCGCTGGCGCCGCGTCGTTACGCG
 GTGGCCGCGTGTGCAGGGACCTGGCTGCTGCTCCTGACCGCCCTGTCCCGCTGGCGCGCACCGATCTCA
 CCTACCCGGTGCACGCCCTGGGCATCATCACTGCTTCGACGTCTCAAGTGGACGATGCTCCCCAGCGT
 GGCCATGTGGGCCGTGTTCTCTTCACCATCTTCATCCTGCTGTTCTCTCATCCCGTTTCGTGATCACCCTG
 GCTTGTTACAGGCCACCATCTCAAGCTGTTGCGCACGGAGGAGGCGCACGGCCGGGAGCAGCGGAGGC
 GCGCGGTGGGCCTGGCCGCGGTGGTCTTGCTGGCCTTTGTACCTGCTTCGCCCCAACAACCTTCGTGCT
 CCTGGCGCACATCGTGAGCCGCTGTTCTACGGCAAGAGCTACTACCAGTGTACAAGCTCACGCTGTGT
 CTCAGCTGCCTCAACAACGTGTGGACCCGTTTGTATTACTTTGCGTCCCGGGAATTCAGCTGCGCC
 TGCGGGAATATTTGGGCTGCCGCCGGGTGCCAGAGACACCCTGGACACGCGCCGCGAGAGCCTCTTCTC
 CGCCAGGACACGTCCGTGCGCTCCGAGGCCGGTGCGCACCTGAAGGGATGGAGGGAGCCACAGGCC
 GGCTCCAGAGGCAGGAGAGTGTGTTCTGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_178129 unedited <pre>GGGTTTTNNNAAGTTCTTACGCTGGNGAAGCCATCCAGCTGTTTTGACCTCCATANAAG AACCGGGACCGATCCAGCCTCCGGACTCTAGCCTAGGCCGCGGACGGATAACAATTTCA CACAGGNAACAGCTATGACCATTAGGCCTATTTAGGTGACACTATAGAACAAGTTTGTA CAAAAAAGCAGGCTGGTACCGTCCGGAATTCGCGGATATCGTCGACCCACGCGTCCGG GAAGGGCAGCCGTCTGCCGCCACGAACACCTTCTCAAGCACTTTGAGTGACCACGGCTT GCAAGCTGGTGGCTGGCCCCCGAGTCCCGGGCTCTGAGGCACGGCCGTCGACTTAAGCG TTGCATCCTGTTACCTGGAGACCCTCTGAGCTCTCACCTGCTACTTCTGCCGCTGCTTCT GCACAGAGCCCGGGCGAGGACCCCTCCAGGATGCAGGTCCCGAACAGCACCGGCCCGGAC AACGCGACGCTGCAGATGCTGCGGAACCGGCGATCGCGGTGGCCCTGCCCGTGGTGATC TCGCTGGTGGCGCGGTGAGCATCCCCGGCAACCTCTTCTCTGTGGGTGCTGTGCCNG CGCATGGGGCCAGATCCCCGTCGGTCATCTTCATGATCAACCTGAGCGTCACGGACCTG ATGCTGGCCANC GTGNTGCCTTTTCCAATCTACTACCATTGCAACGGCCCCCATGGGAA TTCGGGTGCTGCTTTGCCACGGGTGACCCGGGCCCTTTTCCCAACATGGTTTTCAAGATT CTTCCAATGACCTGTTTAAAGGTGGAGCCTTTCCGGGGGTCTGTACCCGTTAAATCCA AACCTGGGGCCCCCTTTTACCCGGGGGCCCTTTGGAAGGACCTTTGTGTTTTTTTT AACCTTGTA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_178129
Insert Size:	1100 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:	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_178129.3 , NP_835230.1
RefSeq Size:	4208 bp
RefSeq ORF:	1080 bp
Locus ID:	286530
UniProt ID:	Q86VZ1
Cytogenetics:	X;Y
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. This gene is moderately expressed in undifferentiated HL60 cells, and is located on both chromosomes X and Y. [provided by RefSeq, Jul 2008]