

Product datasheet for **MC218745**

P2ry14 (NM_001008497) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: P2ry14 (NM_001008497) Mouse Untagged Clone
Tag: Tag Free
Symbol: P2ry14
Synonyms: A330108O13Rik; Gpr105; P2Y14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC218745 representing NM_001008497
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACAACCTCCACCACCAGACCCCTCAAACCAGCCCTGCTCCTGGAACACCCTGATCACAAGCAGAT
TCATCCCGTGTGTACGGTATGGTCTTCATCACGGGGCTCCTCCTCAATGGGATATCAGGATGGATATT
CTTTTATGTGCCAGCTCCAAGAGTTTTATCATCTATCTCAAGAACATAGTGGTGGCTGACTTTCTCATG
GGCCTGACTTTCCCTTTCAAAGTCCTTGGTGACTCAGGCCTCGGCCCTGGCAGGTGAATGTGTTTGTGT
GCAGGGTCTCTGCCGTATCTTCTATGTTAATATGTACGTCAGCATCGTGTCTTTGGGCTCATCAGCTT
TGACAGGTAATAAAAATTGTAAGCCCTTCTGACGCTATTGTGACGTCGGTGAATATAGCAAGCTG
CTTTCTGTGCTCGTGTGGATGCTCATGCTTCTCCTTGCTGTCCAAACATCATCTGACAAACCAGGGTG
TCAAGGAGGTCACGAAGATACAGTGCATGGAGCTCAAAAACGAGCTGGGGCGGAAGTGGCACAAGGCGTC
TAACTATATCTTCGTGAGTATCTTCTGGGTCGTGTTTCTTCTGCTAATCGTCTTCTACACGGCCATCAGC
AGGAAGATCTTCAAGTCTCACCTCAAGTCCAGGAAGAATCCACCTCCGTCAAGAGGAAGTCCAGCCGCA
ATATCTTCAGCATCGTGCTCGTTTTTGTGCTCTGCTTTGTGCCTTACCACATTGCCAGAATCCCTTACAC
AAAGAGTCAGACGAAGTCACTACAGCTGCCGACGAAGGAGACCCTGCTCTATGCGAAAAGAATTCATC
CTGCTACTCTCGGCTGCCAATGTGTGCTGGACCCATTATTTATTTCTTATGCCAGCCATTTAGAG
AAGTCTTAAATAAGAAGTTACACATGCTCAAGTCCAGAATGACCTAGAGGTTTCCAAAACCAAAAG
GGAAAATGCGATTATGAAAGCACAGATACTTTGTAA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001008497



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Insert Size:	1017 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:	<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.
RefSeq:	<u>NM_001008497.2</u> , <u>NP_001008497.1</u>
RefSeq Size:	1812 bp
RefSeq ORF:	1017 bp
Locus ID:	140795
UniProt ID:	<u>Q9ESG6</u>
Cytogenetics:	3 28.96 cM
Gene Summary:	<p>Receptor for UDP-glucose coupled to G-proteins.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 through 7 encode the same protein (isoform a). 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.</p>