

Product datasheet for **SC327805**

GPR86 (P2RY13) (NM_176894) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPR86 (P2RY13) (NM_176894) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR86
Synonyms:	FKSG77; GPCR1; GPR86; GPR94; P2Y13; SP174
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327805 representing NM_176894. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACTGCCGCCATAAGAAGACAGAGAGAACTGAGTATCCTCCCAAAGGTGACTGGAAGCAATGAAC
ACCACAGTGATGCAAGGCTTCAACAGATCTGAGCGGTGCCCCAGAGACTCGGATAGTACAGCTGGTA
TTCCAGCCCTACACAGTGGTTTTCTTGACCGGCATCTGCTGAATACTTTGGCTCTGTGGGTGTTT
GTTACATCCCGAGCTCCTCCACCTTCATCATCTACCTCAAAAACACTTTGGTGGCCGACTTGATAATG
ACACTCATGCTTCTTTCAAAATCCTCTCTGACTCACACCTGGCACCTGGCAGCTCAGAGCTTTTGTG
TGTCGTTTTCTCGGTGATTTTTATGAGACCATGTATGTGGGCATCGTCTGTAGGGCTCATAGCC
TTTGACAGATTCCTCAAGATCATCAGACCTTTGAGAAATATTTTTCTAAAAAACCTGTTTTTGCAAAA
ACGGTCTCAATCTTCATCTGGTTCTTTTTGTTCTTCATCTCCCTGCCAAATACGATCTTGAGCAACAAG
GAAGCAACACCATCGTCTGTGAAAAAGTGTGCTTCCCTAAAGGGGCTCTGGGGCTGAAATGGCATCAA
ATGGTAAATAACATATGCCAGTTTATTTCTGGACTGTTTTATCCTAATGCTTGTGTTTTATGTGGTT
ATTGCAAAAAAGTATATGATTCCTATAGAAAGTCCAAAAGTAAGGACAGAAAAACAACAAAAGCTG
GAAGGCAAAGTATTTGTGTCGTGGCTGTCTTCTTTGTGTGTTTTGCTCCATTTCAATTTGCCAGAGTT
CCATATACTCACAGTCAAACCAACAATAAGACTGACTGTAGACTGCAAAATCAACTGTTTATTGCTAAA
GAAACAACCTCTTTTTGGCAGCAACTAACATTTGTATGGATCCCTTAATATACATATTCTTATGTAAA
AAATTCACAGAAAAGCTACCATGTATGCAAGGGAGAAAAGACCACAGCATCAAGCCAAGAAAATCATAGC
AGTCAGACAGACAACATAACCTTAGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_176894



[View online >](#)

Insert Size:	1065 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.
RefSeq:	<u>NM_176894.2</u>
RefSeq Size:	2769 bp
RefSeq ORF:	1065 bp
Locus ID:	53829
UniProt ID:	<u>Q9BPV8</u>
Cytogenetics:	3q25.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	40.8 kDa
Gene Summary:	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 activated by ADP. [provided by RefSeq, Sep 2008]