

Product datasheet for **SC321854**

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-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_176894.1
 GCCGCCATAAGAAGACAGAGAGAAGTATCCTCCCAAAGGTGACACTGGAAGCAATG
 AACACCACAGTGATGCAAGGCTTCAACAGATCTGAGCGGTGCCCCAGAGACACTCGGATA
 GTACAGCTGGTATCCCAGCCCTCTACACAGTGGTTTTCTTGACCGGCATCCTGCTGAAT
 ACTTTGGCTCTGTGGGTGTTTGTTCACATCCCCAGCTCCTCCACCTTCATCATCTACCTC
 AAAAAACCTTTGGTGGCCGACTTGATAATGACACTCATGCTTCCCTTCAAATCCTCTCT
 GACTCACACCTGGCACCCCTGGCAGCTCAGAGCTTTGTGTGTCGTTTTCTTCGGTGATA
 TTTTATGAGACCATGTATGTGGGCATCGTGTGTTAGGGTTCATAGCCTTTGACAGATTC
 CTCAAGATCATCAGACCTTTGAGAAATATTTTTCTAAAAAACCTGTTTTTGCAAAAAACG
 GTCTCAATCTTCTGTTCTTTTTGTTCTTCTCCCTGCCAAATATGATCTTGAGC
 AACAAAGGAAGCAACACCATCGTCTGTGAAAAAGTGTGCTTCTTAAAGGGCCTCTGGGG
 CTGAAATGGCATCAAATGGTAAATAACATATGCCAGTTTATTTCTGGACTGTTTTTATC
 CTAATGCTTGTGTTTTATGTGGTATTGCAAAAAAGTATATGATTCTTATAGAAAGTCC
 AAAAGTAAAGGACAGAAAAACAACAAAAAGCTGGAAGGCAAAGTATTTGTGTCGTGGCT
 GTCTTCTTGTGTTTTGCTCCATTTCAATTTGCCAGAGTTCATATACTCACAGTCAA
 ACCAACATAAAGACTGACTGTAGACTGCAAAATCAACTGTTTATTGCTAAAGAAACAACT
 CTCTTTTTGGCAGCAACTAACATTTGTATGGATCCCTTAATATACATATTCTTATGTAAA
 AAATTCACAGAAAAGCTACCATGTATGCAAGGGAGAAAGACCACAGCATCAAGCCAAAGAA
 AATCATAGCAGTCAGACAGACAACATAACCTTAGGCTGACAACTGTACATAGGGTAACT
 TCTATTTATTGATGAGACTTCCGTAGATAATGTGGAATCAAATTAACCAAGAAAAAAA
 GATTGGAACAAATGCTCTTACATTTTATTATCCTGGTGTACAGAAAAGATTATATAAA
 ATTTAAATCCACATAGATCTATTCATAAGCTGAATGAACCATTACTAAGAGAATGCAACA
 GGATACAAATGGCCACTAGAGGTCATTATTTCTTCTTTTTTTTTTTTTTTTTTAATTT
 CAAGAGCATTTCACTTTAACATTTTGAAAAAGACTAAGGAGAAACGTATATCCCTACAAA
 CCTCCCCTCCAAACACCTTCTCACATTCTTTCCACAATTCACATAACACTACTGCTTTT
 GTGCCCTTAAATGTAGATATGTGCTGAAAGAAAAAAGCCCAACTCTTGAAGTCC
 ATTGCTGAAAACCTGCAGCCAGGGTTGAAAGGGATGCAGACTTGAAGAGTCTGAGGAACT
 GAAGTGGGTGAGCAAGACCTCTGAAATCCTGGGTAAAGGATTTTCTCCTTACAATTACAA
 ACAGCCTCTTTCACATTACAATAATATACCATAGGAGGCACAAGCACCATTATTAAGCCA
 CTTTGCTTACACCTTAAGTGTGTACAATTCAAGTGTGAGAATGCTGTGTTAACTATTCTT
 TGGAATTCCTCTGTCCAGCAAACTCTAATGATGGTTAAACATGGCACCTACTCAG
 CAATGCCTTCTGACCACAACCCCTATCCCCCTGCCCCACCCTCCTCATTAAAAACAAA
 TACTTCTACTGTTTGGGTGTGTGATAGGGTTCTCAATGCAGATCTCCCTTTTCTAGTTAG
 CTATATCTTGACTGCATCCGCTAAAAATGTTAAAGCTTCTTGAGAGACAGACATGCCAG
 ATTTTCTTGGTATCTCCATAATACGACCTACAGTCCATGGTCTACAGATGTTTTAAATA
 GAATTGCTATTCTCGATACATACAAAGACGTAATTGCTGACCCACAATCAGTAACATCCA
 TATTGGGAGATTTTTCAAAGGATGGTGACCCTGCTTGATTTTATTACCTTGGTATTTTT
 TCTTGCATCCTTCTGTGATTCAAAAAGTAAAAATGTGGCTTTCTGAAATGATGGATAAGA
 GTCTACATCTTCTAGAAAAATACATAAAGGAGTAGTTAAGCTCTGTAATGTGCCACGA
 GCTCCAACACGACCATCGTAGGGTGAAGCCACGTTTTCTTCCATGGCCTCAAAGGCCCT
 AGAACTTGCCCTACCTTTCTGGCCTTACCTCCTAGCTACTTATCCATCTCTTGAACTTTAT
 ACTCTTGATAAATTTCTAACTTTCAGAAAAATGCCATACTCTGTTTTGGCACCACACATG
 TATATTTCCCCTGGTACACTTGGAAAGACTCTTATCCATCTGTGAAACCCATGTTGTCA
 TCACTTGGTCCATGAAATATTACCTGGCCAATATCCCACCATCACCTCAAACCAATCAC
 CCCCTCCTGTATGCTGTCACACCTATATTATAAACTTATCACATTGCATTGTAATTA
 CTTCTGACCTTTGTATCTACTTTTTAGTAACTGATGTATATATCTGAAAGGAGAGATT
 GTTTCATTGTGCAATCAATAAATGTTTGATAAAATAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA
 AAAAA

Restriction Sites:

Please inquire

ACCN:	NM_176894
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_176894.1</u> , <u>NP_795713.1</u>
RefSeq Size:	2769 bp
RefSeq ORF:	1002 bp
Locus ID:	53829
UniProt ID:	<u>Q9BPV8</u>
Cytogenetics:	3q25.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
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]