

## Product datasheet for **SC112677**

### **GPR37 (NM\_005302) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GPR37 (NM_005302) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPR37
Synonyms:	EDNRBL; hET(B)R-LP; PAELR
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC112677 sequence for NM\_005302 edited (data generated by NextGen Sequencing)

```

ATGCGAGCCCCGGGCGCGCTTCTCGCCCGCATGTCGCGGCTACTGCTTCTGCTACTGCTC
AAGGTGTCTGCCTCTTCTGCCCTCGGGTGCCTTCCAGAAACGAACTTGTCTG
GGGAGAGCTGTGCACCTACAGTGATCCAGCGCCGCGGACGGGACGCCTGGGACCGGA
AATTCTGCAAGAGACGTTCTGCGAGCCCGAGCACCCAGGAGGAGCAGGGGCGAGCGTTT
CTTGCGGGACCTCCTGGGACCTGCCGGGCCCGGGCCGTGACCCGGCTGCAGGCAGA
GGGGCGGAGGCGTCGGCAGCCGGACCCCGGGACCTCAACCAGGCCACCTGGCCCTGG
AGGTGAAAGGTGCTCGGGTCAAGAGCCTTCTGAACTTTGGGAGAGGGAACCCACG
GCCCTCCAGTCTTCTTCCAGATCTCAGAGGAGGAAGAGAAGGTTCCAGAGGCGTGGC
ATTTCCGGGCGTAGCCAGGAGCAGAGTGTGAAGACAGTCCCGGAGCCAGCGATCTTTT
TACTGGCCAAAGGAGGCCGGAACTCCAGGGTCCCACCACAAGCCCTGTCCAAGACG
GCCAATGGACTGGCGGGCACGAAGGTGGACAATTGCACTCCCGGGCCGGGCGTGGCC
CAGAATGGATCCTTGGGTGAAGGAATCCATGAGCCTGGGGTCCCGCCGGGAAACAGC
ACGAACCGGCGTGTGAGACTGAAGAACCCTTCTACCCGCTGACCCAGGAGTCTATGGA
GCCTACGCGGTATGTGTCTGTCCGTGGTGATCTTCGGGACCGGATCATTGGCAACCTG
GCGGTGATGTGCATCGTGTGCCCAACTACTACATGCGGAGCATCTCAAACCTCCCTTG
GCCAACCTGGCCTTCTGGGACTTCTCATCATCTTCTTCTGCCTCCGCTGGTCACTTC
CACGAGCTGACCAAGAAGTGGCTGCTGGAGGACTTCTCCTGCAAGATCGTGCCCTATA
GAGGTCGCTTCTCTGGGAGTCAACACCTCACCTATGTGCTCTGTGCATAGACCCTTC
CGTGCTGCCACCAACGTACAGATGTACTACGAAATGATCGAAAAGTTCCTCAACAACT
GCCAAACTTGCTGTTATATGGGTGGGAGCTCTATTGTTAGCACTCCAGAAGTTGTTCTC
CGCCAGCTGAGCAAGGAGGATTTGGGGTTTAGTGGCCGAGCTCCGGCAGAAAGGTGCATT
ATTAAGATCTCTCCTGATTTACCAGACCATCTATGTTCTAGCCCTCACCTACGACAGT
GCGAGACTGTGGTGTATTTGGCTGTTACTTTTGTGTTGCCACGCTTTTACCATCACC
TGCTCTCTAGTGACTGCGAGGAAAATCCGCAAAGCAGAGAAAAGCCTGTACCCGAGGGAAT
AAACGGCAGATCAACTAGAGAGTCAAGTGAAGTACAGTAGTGGCACTGACCATTTTA
TATGGATTTTGCATTATCCTGAAAATATCTGCAACATTGTTACTGCCTACATGGCTACA
GGGTTTTACAGCAGACAATGGACCTCCTAATATCATCAGCCAGTTCCTTTTGTCTTT
AAGTCTGTGTACCCAGTCTCCTTTTCTGTCTCTGCAAACCTTCAGTCGGGCTTC
ATGGAGTGTGCTGCTGTTGCTGTGAGGAATGCATTGAGAAGTCTCAACGGTGACCACT
GATGACAATGACAACGAGTACACCACGGAACCTCGAACTCTCGCCTTTCAGTACCATACCG
CGTGAATGTCCACTTTTCTTCTGTCGGAACCTATTGCTGA
    
```

Clone variation with respect to NM\_005302.2

**5' Read Nucleotide Sequence:**

```

>OriGene 5' read for NM_005302 unedited
TACTATATGGCGCCGCGAATCCCGGATGGGGTTGGAATCCCGCTTCTCCTCGGCAGC
AGTAGGCTCGCAAGTCTGCTGGGGTTAGGTGGGGCAAGGGTTTCGCCGGCGCATCAGCGCT
GCTTCGGACTGTTTGCAACGTGTTTCCAGCGAGCTGGGAGCGGGTTGTGACTGCGAGTC
GTCTGGGGAGGGGGACTTGTTTTTCTTTCTCTAGAGACCTCGGCTTGCAACTGGATC
AAACGCTGTGCAAGGATGTAATAGGCAGAGCAACTGTTACCAAGAAGGCCACCACCC
CACCCAAAGGCAGTGAGGAGTGTGGGCTTCGTCTGGGCTCCCCGAGTCTCAACAGTAA
TCAACAGTCAGGTGTTGATTGCAACTTTTCAAGGTGAGCCACCGGAGTAGCCTATTCCC
TCTAGGAACCTTGAGGGCATACTTGTGGGACTCAACTGGCTGAGAAATGCACAAGA
TGCCAAAGGAGGAAGGATTATAGGGGGCGTGTGTGTGACCCCAAGACCGATCTTCGCT
ATCACCTAATCTCCGGTTCCCCGCTACCCGGGCGGGGTGAGTATGTGACATGTGCCTA
ACTCTCAGCAGCAACTTCGGCAGCAGGTGTCGATCCTAACTAAGCAGGAGCTGCGGCTGC
CGGGTGTGCCCTACCAAGCCATGCGAGCCCCGGGCGCGCTTCTCGCCCGCATGTGCGG
CTACTGCTTCTGCTA
    
```



RefSeq ORF:	1842 bp
Locus ID:	2861
UniProt ID:	<u><a href="#">O15354</a></u>
Cytogenetics:	7q31.33
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Parkinson's disease
Gene Summary:	<p>This gene is a member of the G protein-coupled receptor family. The encoded protein contains seven transmembrane domains and is found in cell and endoplasmic reticulum membranes. G protein-coupled receptors are involved in translating outside signals into G protein mediated intracellular effects. This gene product interacts with Parkin and is involved in juvenile Parkinson disease. [provided by RefSeq, Oct 2012]</p>