

## Product datasheet for **SC101365**

### **GPRIN3 (AK091461) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	GPRIN3 (AK091461) Human Untagged Clone
Tag:	Tag Free
Symbol:	GPRIN3
Synonyms:	GRIN3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for AK091461, the custom clone sequence may differ by one or more nucleotides

```
TACATGGGACTGAATTCTTGAAAAGAGCCATCAAATTAGGGATAACTAAATTGATACTGTGCAGGTGT
TCTCCAGTGATATTCTACTAAGAATGCTAAGTTCCTGGTCAGGAATAAATAGCAGATTACCAACAC
TGCTTTTTCTGTGATGATAAAGCCTCATAAGTAAACAAAAACAATGTTTAAATTTAGACTCCTGTAAACAG
GATGCAATTAGTGATTTTTTTAATTGGGTTTCAGTAACTTCCAGTAACAATGTAGTCAACACCAAATTA
GAATGTGAGCTTCTTACAATTTTTGTACATAGACTACTATCATCTAATTGCTTAAATATATATGCTGGA
GTAAAAAGGTAACCTTCTGCAAACCTATTGATTTTAAAGAGAAAATACCCATAATATCCTTCAAACCAATGA
AAGAAGAGGCCTTACGAAAACATGGCTTGTGATTTGGGTGGATTATACTTCTGGGACCTTGGCCCTCC
CGTGTCTCCAGAAGAGACGTGTGTCCCGAGACACATGAGTATCCTCAAGGCACTGGCCTGGATGAGCAG
CATCGCCTTGAGAATTGGGGTAGTGTGGAAGGAAGAATGAACAACGGCCCTGGGAAGCCTTCCCTTCT
GCAGATATTGTTGGGGAGTGTGGTCTCCATTTTGCCTTAGAAAACCAGACTTAGATGCTGGAGGGGC
ACCGGTTGTCTTCTTTGAACTCATTCCCGTAATGAGCTAGAAAAGAGTACCTAACCATAGTATTCTCT
CTAGAGACTCATGTGTCCCGTGGGTACAGTCAATTCACAGTATCTGTTCTGGCTTTTTCTACTTTAATTC
TGTTCTGCACATTCTGAACATATGCAGGAAAAAATCATTCTGAACTTAGCACAAAGCTACACTCGACA
CAACCTAAATTAGTAAAAAGCCTTTGACTTATTTTGAAGCAATTAACCTGTAGACAAAGCTTGATATAT
GGAACAGTATTCTCAGAGCCTGAGAGTTGTACAGTTGTCTATTTGAAATTAGAAGGAATTTTTAAT
AAGGCACATTTTTCAGTTTCTTACCATTGGTGTCTATTAAGAATACTATGTAATGTTGAAATTTCCATC
AAATTACCAAGCAAATTAATTAATGATTAGAGATTTAGCCTAACACTCTCTTTGGGCCTTAAATAC
CCATTTGATGTTGTTCGTGTCACTTCTGTCTCAGATGCCTCTGCCAGGACATAATCTCTCTAACTCTT
GCTAGCTGGCTTCTCCCTCCACATGGGCATACATGCTGTGTATACACAGAGTACAGCCTGTGTACACAG
TAGCAGCTGTCAACAGGGCCTACTCCAGATGGGTGGCCCAAGGTAATCCTCTGCTGTAAGTGGCTAGAA
CAGGCTGTCCCTGCATTAATAAGTGAGAAATAAGGAATTTGCGCTCTGATAATAATATTTATTTTCATG
ACTTTAGAGTAACCACATGATTTGTAACAGTTAAATGAAGCAGAGGCCTGAGAGAGTTGTTGGCATTG
TCTCACATTAATAACATTAATAATGCTAGATTTGCTATTGTGGTTATGTCTATCAAACTTTAAGAAAA
TTGTTTAAATGACTGAGTTTAACTGATTTTCTTTGGTGTGGACCAAATTTCTCACTTCTACAACACTC
AAGAGATTGTCACAAAAATTACAAAAATATTGTTTGTGTTTGTGGCTCATTAAACCCTATATAACTAACA
GCTTTTAAAGCATTAAACAGAAATATCTTCAGATGGATAAATAAGATAGGGACCTATTCAAGACAGCA
GCATTTTGTATTGTGATACCTCCCTAAGTACTCTCACAATAAACCTTATTTGAGAATTTTCTTCA
CTCAATCTGTGACATAGCATTAGGCATTTAGTATACCTTATTTGTGAAACCTAAGGTTCAATCAACAGA
TGAAGCTGCAAAACAGTTTTCTTGGTAGACTCTTGGAACTTGCTCAGTTTTTCTTACTTTACCTGCAT
GACACACATTGGGTTGAAAGTTGTTTGGTTTTACCCTTCAATTTCTCTTAGATATGATTTGGTCTTTTTTC
ATGCATTATTTTTGAAATATATGGAGGAAATATTTTATTGAATCAAGAAATAGAAAATATTCCTTAAA
CCAGTAGTAAAAAGGTGAGTTAGAACTCCATGTCTGGAAGACAATTCAACATTTAAAAATTAAGATGCT
ATACCCTTAAACAAGTGAATACTAAAATTTTTAATTTAAAGATTGATTGTTCTGTTTTTATGACCATGAG
AAAAATGTGACAGCTTCAGCTGCATATGTTTATCTTGAATGCTTTTCTAATTATGTATTTCTGGATTAT
TGACTTTGAATGCCACAGACCACTACTTACATAGAGTAAAAATTTGATTAACCTTTGTGCTTTGGGTC
ACTGGCAAAAGTTGAACATCCTGATAAGTCAATGTTAACCAGAAACCTTTTTGTTACGCTGAAAATTGA
ATATTTATAAAATGTGTTAGTATGTTTCTGCCTTGATAAGTTCACCTATATTGAATGTAATTTGATCTT
TGATAATTTTTTTAATCTTGAGAATTCTCTGATACTGTTTTGAATACCAGTGTTCACCATGTTATAAAG
TTAAACATAAAAAATTGAAATAAATTGAACTAAATATG
```

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AK091461 unedited TGCAGAATATTTGNTAATACGACTCACTATAGGGCGGCCGCAATTTCGCACGAGGTGCAA TTAGTGATTTTTTTAATTGGGTTTCAGTAACTTCCAGTAACAAATGTAGTCAACACCAAA TTAGAATGTGAGCTTCTTACAATTTTGTACATAGACTACTATCATCTAATTGCTTAAA TATATATGCTGGAGTAAAAAGGTAACCTCTGCAAATTATTGATTTTAAGAGAAATACCC ATAATATCCTTCAAACCAATGAAAGAAGAGGCCTTACGAAAACATGGCTTGTGATTTG GGTGGATTATACTTCTGGGACCTTGGCCCTCCCGTGTCTCCAGAAGAGACGTGTGTCCC GAGACACATGAGTATCCTCCAAGGCACTGGCCTGGATGAGCAGCATCGCCTTGAGAATTG GGGTAGTGTGAAAGGAAGAATGAACAACGGCCCTGGGAAGCCTTCCCTTCTGCAGATA TTGTTGGGGGAGTGCTGGTCTCCATTTTGCCTTAGAAAACCAGACTTAGATGCTGGAGG GGCACCAGTTGTCTTTGAACTATTCCCGTAATGAGCTAGAAAAGAGTACCTAACC ATAGGTATTCTCTAGAGACTCATGTGTCCCGTGGGTACAGTCAATTCACAGTATCTGT TCTGGCTTTTTCACTTAATTCTGTTCTGCACATTCTGAACATATGCAGGAAAAAAAT CATTCTGAACTTAGCACAAAGCTACACTCGACACAACCTAAATTAGTAAAAAGCCTTTGA TTTATTTTGAAGCAATTTAACTGTAGACAAAGCTTGCATANTATGGAACAGTATTCTCAG AGCCTNGAGAAGTNTACAGTTGTTCTATTTGGAATAGAAAGGAATTTTTATAGGCACT TTTTTCAGTTTCTACCCATTGTGTCTATTAGAACTATGTAAGGNTGAATTNNCATCAAT ACCAGCAATACTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AK091461
<b>Insert Size:</b>	5000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">AK091461.1</a>
<b>RefSeq Size:</b>	2697 bp
<b>RefSeq ORF:</b>	2697 bp
<b>Locus ID:</b>	285513
<b>Cytogenetics:</b>	4q22.1
<b>Gene Summary:</b>	May be involved in neurite outgrowth.[UniProtKB/Swiss-Prot Function]