

## Product datasheet for **RN207847**

### Phykpl (NM\_001128196) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phykpl (NM_001128196) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phykpl
Synonyms:	Agxt2l2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN207847 representing NM\_001128196  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGGGACCGCGCCGAAGGCCCGCCACTCTGGACCTGAGACGTCGGCTGCTCAGCTCTTCCTGCA  
 GACTCTTTTTTTCCTGAGAATCCTGTTAAGATTATCCGAGGCCAAGGGCAGTACTTGTATGATGAGCAAGG  
 GCGAGAGTACCTGGACTGCATCAACAATGTGGCTCATGTCGGGCACTGCCACCCTACCGTGGTCCAAGCT  
 GCACATGAACAGAACCTGGTGTCAACACCAACAGCCGATATCTACATGACAACATCGTGGACTATGCC  
 AGAGGCTGTCAGAGACCCTGCCAGAGAAGCTTTCTGTGTTTTATTTCTGAATTCGGGTGAGAAGCCAA  
 CGACCTGGCCTTGAGACTAGCTCGCCAGTACACAGGACACCAGGATGTGGTGGTATTAGACCATGCTTAT  
 CATGGTCACTGAGCTATTGATCGACATCAGTCCCTACAAGTCCGGAATCTGGATGGCCAGAAGGCTC  
 CGCTCCAGACACCTACCGGGGACCTTACCGGGAGGACCACCCCGATCCAGCAGGGGCCTATGCCAGTGA  
 GGTGAAGCATGTCATCAGCAGTGCACAGAAGAAGGGCAGGAAGATTGCAGCCTTCTCGCCGAGTCTCTG  
 CCTAGTGTGAGTGGACAGATCATTCCCCCTGCTGGATACTTCTCCAGGTGGCGGAGCACATACGCAGAG  
 CCGGAGGGCTCTTTGTGGCTGATGAGATCCAGGTTGGTTTTGGCCGAGTAGGCAAACACTTTTGGCCCTT  
 CCAGCTGGAGGGAGAAGACTTTGTCCCCGACATTGTCACCATGGGCAAGTCCATCGGCAATGGTCACTCT  
 GTTGCCTGCCTGGCCACTACCCAAGCTGTGTCAAGGGCATTGAAAGCTACCGGTGTAGAATACTTCAACA  
 CGTTTGGTGGCAATCCTGTGTCTGTGCTGTGGGGCTAGCAGTCTGGATGTCTTGAAAACAGAACAGCT  
 CCAGGCTCATGCCACTAATGTGGGCACTTCTTATGGAGCACCTCAGCCAGCAGAAAGCCAAACATCCT  
 ATCATTGGAGATGTCAGGGGCACTGGGCTCTTCATTGGTGTGGATCTGATCAAGGATGAGACTCTGAGGA  
 CACCAGCAACTGAAGAGGCAGAGTATTTGGTCTCCAGGCTAAAGGAAAACACTATTTTACTGACTGGA  
 CGGCCCTGGGAGGAATATCCTGAAGTTCAAGCCTCCAATGTGCTTCAGCCTTGATAACGCACAGCATGTG  
 GTTGCAAAGCTGGATGACATTCTAACAGACATGGAAGAAAAAGTACGAAGTTGTGAAACACTGAGGATCA  
 AACACCCTCCAGGGTCCACAGGTCCAGGCTGCAGAGCGGCAGCAGGAAGCAGACCCTCCAATCTAGAACA  
 GGGTAACCTGGTAATAAAATCAGCCCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001128196
- Insert Size:** 1431 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:**
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: [NM\\_001128196.1](#), [NP\\_001121668.1](#)  
RefSeq Size: 1612 bp  
RefSeq ORF: 1431 bp  
Locus ID: 100169747  
Cytogenetics: 10q21