

## Product datasheet for RN202187

### Cyfp1 (NM\_001107517) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyfp1 (NM_001107517) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyfp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202187 representing NM_001107517 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTGCCCAAGTGACACTAGAGGACGCACTGTCCAATGTGGACCTCCTGGAAGAGCTGCCTCTTCTCG  
ACCAGCAGCCCTGCATTGAGCCCCACCTTCTCGTCTATCAGCCAAATTTCAACACCAACTTTGA  
AGACCGAAATGCATTTGCACTGGCATTGCAAGATACATTGAACAAGCAACTGTCCACTAGCATGAAC  
GAGATGCTAGAGGAAGGCCAAGAGTATGCTGTCATGCTGTATACCTGGAGGAGCTGCTCCCGTGCCATCC  
CTCAGGTGAAAGTGAATGAGCAGCCTAATAGGGTTGAAATTTATGAGAAAAGTGTGGAAGTCTTGAACC  
CGAGGTCACAAAAGTGAATTTTATGTACTTCCAGAGAAATGCCATCGAGCGTTTCTGTGGGAGGTG  
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CCTGCAGCTTCTGTGCGAGTGGAGCGCGCATGTGATGGAAGTGTATTCTGGAACCTTGTACATCCAACA  
GACAAGTACTCCAACAAGGACTGCCAGACAATGCTGAGGAGTATGAACGTGCCACGCGTTACAACACTACA  
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ACCCTCAGGGAACCACTGCGACAGGCCATCAAGAAGAAAAAGAAATGTCATCCAGAGTGTCTACAGGCCA  
TCAGGAAGACTGTGTGACTGGGAGACTGGGCATGAACCCTTTAACGACCCAGCTCTGCGGGGAGAGAA  
GGACCCTAAGAGCGGCTTTGACATCAAGGTGCCACGCCGTGCTGATAGGACCTCCAGCACACAGCTTTAC



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ATGGTGAGAACTATGCTAGAGTCCCTCATTGCAGACAAAAAGTGGTCCAAGAAAACCTTGAGAAGTAGCC  
 TTGAGGGGCCACCATATTGGACATAGAAAAATTTTCATCGAGAATCATTCTTCTACACTCACTTGATAAA  
 TTTTCAGTGAAACTGCAGCAGTGTGTGACCTTTCCAGCTGTGGTCCGAGAGTTCTTCTGGAGCTG  
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 AGACCAAGGAGGCATCAATGATGGAGTACGTCTCTACTCCTGGACCTGTACAATGACAGTGTCTACTA  
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 TAAGATCTGCCGCTTCCCCGACATGAGTACGGCTCTCCTGGCATCCTAGAGTTCTTCCACCACCAGCTG  
 AAGGACATTGTGGAGTATGCAGAGCTGAAAACAGTATGCTTCCAGAACCTGCGGGAGGTGGGAAATGCTG  
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 TTTTCAGAATATCCTGCCTCGAGTCCACGTAAGAGAGGGGGAGAGAGTTGATGCCAAAATGAAAAGACTA  
 GAATCCAAGTATGCTCCACTGCATCTTGTCCGCTGATTGAAAGGCTGGGGACCCACAGCAAATTGCAA  
 TCGCAAGAGAGGGGGACTTGTGACCAAGGAGCGGCTCTGTTGGTCTGTCCATGTTTGAAGTCATCCT  
 CACACGGATCCGGACCTTTCTGGATGATCCCATCTGGCGTGGGCCCTGCCAGCAATGGGGTCATGCAT  
 GTGGATGAGTGTGGAGTTTACAGACTATGGAGTGCCATGCAGTTTGTACTGCATTCTGTAGGGA  
 CACACGAGTTTACAGTGGAGCAGTGTGTTGGCGATGGGCTCCACTGGGCTGGCTGCATGATCATTGTACT  
 TCTGGGACAGCAGCGGCTTTGCTGTGTTGGATTTCTGCTATCATCTTCTCAAAGTTCAGAAACACGAT  
 GGCAAGGATGAGATCATCAAAAATGTGCCATTGAAGAAGATGGTGGAGAGGATTCGCAAGTTCAGATTC  
 TCAATGATGAGATCATCACTATCCTGGACAAGTACTTGAATCTGGAGATGGGGAGAGCACACCTGTGGA  
 ACATGTACGCTGCTTCCAGCCACCCATCCACCAGTCCCTAGCCAGCAGCTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001107517
- Insert Size:** 3762 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\_001107517.1, NP\_001100987.1

**RefSeq Size:** 4387 bp

**RefSeq ORF:** 3762 bp

**Locus ID:** 308666

**Cytogenetics:** 1q22