

## Product datasheet for **RN213708**

### Afp (NM\_012493) Rat Untagged Clone

#### Product data:

|                    |                                    |
|--------------------|------------------------------------|
| Product Type:      | Expression Plasmids                |
| Product Name:      | Afp (NM_012493) Rat Untagged Clone |
| Tag:               | Tag Free                           |
| Symbol:            | Afp                                |
| Vector:            | pCMV6-Entry (PS100001)             |
| E. coli Selection: | Kanamycin (25 ug/mL)               |
| Cell Selection:    | Neomycin                           |



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**Fully Sequenced ORF:** >RN213708 representing NM\_012493  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGCAGCCAGCAACCATGAAGTGGAGCGCATCCATTTCTTCTTCTCTGCTAAATTTTGGCTGAAC  
 CCAGAGTACTGCACACAATGAGTTTGGAAATAGAATCCACATTAGACTCTTCCCAGTGCCCGACAGAGAA  
 AAATATGTTTAACTAGCTACCATTGTCGTTGCCAGTTTGTTCAGGATGCCACAAGGCCGAAGTAAAC  
 AAAATGAGTAGCGATGCGTTGGCTGCAATGAAGGAAAACACTGGCGATGGGTGTTTAGAAAACAGCTAT  
 CTGTGTTTCTGGATGAAATTTGCCACGAGACGGAACCTCTAACAAGTATGGATTCTCAGTTGCTGCAA  
 CCAAAGCGGGGTGAAAGACACCAGTGTCTGCTGGCTCGCAAGAAGACCGCTCCAGACTCTGTCCCACCC  
 TTCCACTTTCCAGAACTGCCGAGAGTTGCCAGCATATGAAGAAAACAGGGCGATGCCATAAACACGT  
 TCATCTACGATGTGTCGAAGAGGAACCCCTTCTGTATGCTCCCACCATTCTTTACTTAGCCGCTCAGTA  
 TGACAAGCGAGTCCAGCATGCTCAAAGCTGACAACATGGAGGAATGCTTCCAGACAAAGAGAGCATCA  
 ATGGCAAAGGAATTAAGAGAAGGAAGCATGCTCAATGAGCATGTGTGTGCAAGTAATAAGAAAGTTTGGAT  
 CCCGGAACCTCCAGGCTGTACTCATCATTAAACTAAGTCAAAAGTTTCCCAAAGCAAATATTACTGAGAT  
 TCGGAAGCTGGCCCTGGACGTGGCCACATCCACGAGCAGTGTGCCACGGCAACGCGATGGAGTGCCTA  
 CAGGATGGGAAAGCGTCATGACACATATATGTTCTCAACAAGAAATTTCTGTGAGCAAAACAGCAGAGT  
 GCTGCAAACTACCCACATCGAGCTCGGCTATTGCATAATTCATGCCGAAAATGGCGACAAAACCGGAAGG  
 TTTAACTCTGAACCAAGCGAGTTTTTGGGAGACAGAAATTTGCCAGTTTTCTTCCAGAGGAAAACTC  
 CTGTTTATGGCAAGCTTCTTTCATGAATATTCAAGAAATCACCCCAACCTTCTGTCTCAGTCATTCTAA  
 AAAGTCAAGTACATACCAGGAAATTTTGGAGAAGTGTCCAGTCTGAAACGCCATCGAAATGCCAGGA  
 CAATATGGAAGAAGAATTGCAAAAACACATCCAGGAGAGCCAGGCACTGGCCAAAACAAAGTTGTGATCTC  
 TACCAGAAGTTAGGACCCTACTACTTACAAAATCTGTTCCCTATTGGCTACACGCGGAAGGCTCCTCAGC  
 TGACCTCAGCAGAGCTGATAGACCTGACAGGGAAGATGGTGAAGCATTGCCTCAATGTGCTGCCAGCTCAG  
 TGAGGAGAAACGGTCCGCTGCGGTGAGGGACTGGCCGACATTTACATTGGACACTTGTGTTAAGACAT  
 GAGGCAAACCTGTGAATCCGGTATCAACCCTGCTGCAAGTTCCTCGTATTCCAACAGGAGGCTCTGCA  
 TCACCAGCTTTCTGAGGGACGAAACCTACGTCCTCCACCATTCTCTGAAGACAAATTCATCTTCCACAA  
 GGATCTGTGCCAAGCTCAGGGCCGAGCCCTACAGACCATGAAACAAGAGCTTCTCATTAACTGGTGAAA  
 CAAAAGCCTGAAATGACAGAGGAGCAGCAGCGGCTGTACTGCTGATTTCTCTGGCCTCTTGGAGAAGT  
 GCTGCAAAGACCAGGATCAGGAAGCCTGTTTCGCAAAAAGAGGGTCCAAGTTGATTTCCAAAACCTGTGA  
 GGCTTTGGGGTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_012493
- Insert Size:** 1836 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\\_012493.2](#), [NP\\_036625.2](#)

**RefSeq Size:** 1986 bp

**RefSeq ORF:** 1836 bp

**Locus ID:** 24177

**Cytogenetics:** 14p22

**Gene Summary:** plasma protein expressed in the fetal liver and yolk sac [RGD, Feb 2006]