

Product datasheet for **RN211924**

Fnbp1 (NM_138914) Rat Untagged Clone

Product data:

| | |
|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Fnbp1 (NM_138914) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Fnbp1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

Fully Sequenced ORF: >RN211924 representing NM_138914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTGGGCACTGAGCTCTGGGATCAGTTTGACAACCTGGAAAAACACACACAGTGGGGAATCGACA
 TTCTTGAGAAATACATCAAGTTCGTCAAGGAGAGAACGGAGATTGAGCTCAGCTATGCCAAACAGCTCAG
 GAATCTTTCAAAGAAATACCAACCCAAGAAGAACTCGAAGGAAGAAGAGGAATACAAGTACACGGCGTGT
 AAAGCGTTTCTTCCACCTGAATGAGTTGAATGACTACGCCGGGACGATGAGGTCATCTCCGAGAACA
 TGACGTCACAGATCACGGTGGACCTGGTGCCTACGTACAGGAGCTGAAGCAGGAGAGGAAATCGAATTT
 CCATGATGGACGGAAGGCTCAGCAGCACATAGAGACGTGCTGGAAGCAGCTGGAGTCGAGTAAGAGGAGG
 TTTGAGCGGGACTGTAAGGAGGCCGACCGTGCACAGCAGTACTTTGAGAAAATGGACGCCGACATCAATG
 TGACCAAGCGGATGTGAAAAGGCGGACAACAAGCTCAGATGCCAGCAAATGGCAGAGGACAGCAA
 AGCTGATTACTCCTTAATCCTGCAGAGGTTCAACCAGGAGCAGTGGGAGTACTACCACACCCACATCCCC
 AACATCTTCCAGAAAATCCAAGAGATGGAGGAGAGGAGGATTGTGCGCATTGGAGAGTCCATGAAGACGT
 ATGCAGAGGTGGACCGGACGGTATACCATCATCGGGAAGTGCCTGGACGGTATAGTGAAGCGGCCGA
 GTCTATTGACCAGAAAAACGACTCCCAGCTAGTCGTAGAAGCCTATAAGTCAGGATTCGAGCCTCCCGGA
 GACATTGAATTCGAAGATTACACACAGCCCATGAAACGCACGGTGTGAGCAACAGCCTTTCCAGTTCCA
 AAGAAGGCAAGCCGAGCTCAAGTTTGGAGGCAAGTCCAGAGGCAAGCTCTGGCCGTTTCAAGAAAAA
 CAAGCTTATGACCCTTTTAAATCCCCCACCAGCCTCCCCCTCCTCCCCCTGCCTGCCTCACCTCT
 GCTGTTCCCAACGGCCCCAGTCTCCAAGCAGCAAAGGAACCCCTCTCCACCGCTTCAACGAGTTCA
 TGACCTCAAACCCAAAATCCACTGCTTCCGGAGCCTAAAGCGTGGGCTTTCGCTCAAGCTGGGTGTAC
 CCGGAAGACTTCAGCAACTTCCCGCCTGAGCAGAGAAGGAAAAAACTACAACAGAAAGTGGACGATCTC
 AATAAAGAGATCCAAAAGGAGACCGACCAGAGAGACGCCATCACTAAAATGAAAGATGTGTACCTAAAGA
 ACCCTCAGATGGGAGACCCGGCCAGCTTGGACCACAACTCGCCGAAGTCACCCAGAACATAGAAAAACT
 GCGGCTGGAGGCTCACAAGTTCGAGGCCTGGCTGGCTGAGGTGGAAGGCAGACTCCAGCTCGGAGTGAG
 CAGGCACGCCGCAAGTGGGCTGTACGACGGCCAGACACACCAGACGGTCACTAACTGCGCCCAGGACC
 GGGAGAGCCAGATGGTAGTTACACAGAAGAGCAAAGCCAGGAGAGCGAGCACAAGGTGCTGGCCACGGA
 CTTGACGATGAGTTCGACGATGAGGAGCCGCTTCTGCCATCGGGACCTGCAAGGCCCTACACCTTT
 GAAGGTCAGAACGAAGGCCACATTTCCGGTAGTTGAAGGAGAAACGCTGAGCGTATTGAGGAGGACAAAG
 GCGATGGGTGGACACGCATCCGCAGAAACGAAGACGAGGAGGGTTACGTCCCACCTCCTACGTCGAAGT
 CTATTTAGACAAAAACGCCAAAGGTGCTAAGACTTATATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_138914
- Insert Size:** 1863 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_138914.1](#), [NP_620269.1](#)

RefSeq Size: 1863 bp

RefSeq ORF: 1863 bp

Locus ID: 192348

UniProt ID: [Q8R511](#)

Cytogenetics: 3p12

Gene Summary: member of the Rho family of GTPases, binds effector protein rapostlin and regulates neurite branch formation [RGD, Feb 2006]