

## Product datasheet for RN201734

### Fkbp1 (NM\_001002818) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fkbp1 (NM\_001002818) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Fkbp1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN201734 representing NM\_001002818  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGACCTCACTTATCAGCCCAATGAAAGAGAACAACACCGCACAACCGCAGCAGCGGGAAGAGAACA  
 CCCAGCAAAACCTAAATGCAGCCGTTCCGATTAAGCAGCAGTCCCAGGTCTTCTCCCTGAAGCCCTGGA  
 GGTGGGAGTGAAACCAGATCCAGCCAGTCAAATTTAGCGACTCAAGAGATTGAAAATCCCGTAGCTGGA  
 TTTGAAGGTGACTCTGATAAATTTACATCTCCACCGATGAGATGGCAGAGCACCTTCAAGCTTCTGATC  
 TTTGGTACTGCCCTGATGGGAGTTTTGTAAGAAGATCATAGTTCATGGCCACGGCTTAGACAAACCCAA  
 GCTAGGCTCCAAATGCCGAGTGTGGCTTTGGGTTTCCTTTTGGATCTGGGATGCCAGAGGGCTGGACA  
 GAACTAACCATAGGCACAGGGCAATGGAGGAAAAAACATGGGGGAACTCACAGAAAAATGCCTGGAGT  
 CGATGCGTCAAGGTGAGGAAGCCAAGATTCACCTTCTGGATCCTCTACACCTCTTGCTAAGCTCAGACT  
 GGATTCCTTACCAATGGCCGGGACTCCTGGGAGTTGGAGGCTGTGGAGAAGGAGGCTCTGGCCAAAGAA  
 GAACACAGAAGGGGCACCGAATTGTTTCGAGCTGGGAACCCTCAAGGGGCTGCCCGATGCTACGGACGGG  
 CTCTCCGGCTGCTGCTGACGTTGCCCCACCCGGCCACCTGAACGAATATTCTTCATGCCAATCTGGC  
 AGCCTGTCAGTTGCTGCTAGGACACCCCGATTGGCAGCCAGAGCTGTGACCGAGTCTGGAGCGGGAG  
 CCGGGCCATTTAAAGGCTTATACCGAAGAGGGTTGCTCAGGCTGCCCTCGGGGACTTGGATAAAGCAA  
 CTGCTGATCTCAAGAAAGTTCTAGCAGTAGATCCCAAAAACCGTCCCGCGAAAGAGGAGCTGGGGAAGGT  
 GGTCAATCAGGAAAGATACAGGATGCAGGGCTGGCTCGGGGGCTGCGCAAGATGTTTAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_001002818



|                               |   |
|-------------------------------|---|
| <b>Insert Size:</b>           | 1044 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>                | <u><a href="#">NM_001002818.2</a></u> , <u><a href="#">NP_001002818.1</a></u>   |
| <b>RefSeq Size:</b>           | 1300 bp   |
| <b>RefSeq ORF:</b>            | 1044 bp   |
| <b>Locus ID:</b>              | 406168  |
| <b>UniProt ID:</b>            | <u><a href="#">Q6MG81</a></u>   |
| <b>Cytogenetics:</b>          | 20p12   |
| <b>Gene Summary:</b>          | May be involved in response to X-ray. Regulates p21 protein stability by binding to Hsp90 and p21.[UniProtKB/Swiss-Prot Function]   |