

## Product datasheet for **MC203498**

### Fkbp1 (NM\_019873) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fkbp1 (NM\_019873) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fkbp1  
**Synonyms:** DIR1; NG7; Ppiase-X; Wisp39  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC046338  
 CAGGCCTCAACATCATACACAATGCAACAACGTGACTTAGGCCGTCCTGCTATGCTCCTTGGTCTCTCA  
 GGGATCAGGAGATCCAATGGAGACCTCACCTATCAGCCCAATGAACGAGAAGAACACCGCTCAGCCGCAG  
 CAGCGGGAAGAGAACGCCAGCAAACTTTAAATACAGCCATTCCGTTTAGGCAGCGGTCCCAGGTCTTC  
 TCCTGAAGCCCTGAAGGTGGGAGTGAGACCGGATCCAGCCAATCAAATTGTAGAGACTCAAGAGATTGA  
 ACATCCCGTGGCTGGATTTGAAGGTGACTCTGATCAATTTCAAGTCTCAACCAATGAGATGGCAGAGCAC  
 CTCCAAGCTTCTGATCTTTGGTACTGTCCTGATGGGAGTTTTGTAAGAAGATCATAGTCCCTGGCCATG  
 GCTTAGACAAACCAAGCTAGGCTCCAATGCCAAGTGTGGCTTTGGGATTTCCCTTTGGATCTGGGAT  
 GCCAGAGGGCTGGACAGAACTAACCATAGGCATAGGACAATGGAGGGAAAAATGTGGGGGAACCTCATG  
 GAAAAATGCCTGGAGTCTATGCGTCAAGGTGAGGAGGCAAAGATTCACCTTCTGGATCCTCTGCACCTC  
 TTGCTAAACTCAGACTGGATTCTTACCAATGGCCGGGACTCCTGGGAGATGGAGGCTATGGAGAAGGA  
 GGCCTCTGGCCAAAGAAGAACACAGAAGGGGTACAGAACTGTTTCGAGCTGGGAACCTCAAGGGGCTGCC  
 CGATGCTATGGACGGGCTCTCCGACTGCTGCTGACGTTGCCCCACCCGGCCCTCCCGAACGAACCTACCC  
 TTTATGCCAATCTGGCTGCCTGCCAGTTGCTGCTAGGACACCCCAAGTTGGCAGCCAGAGCTGTGACCG  
 AGTGTCTGGAGCGGGAGCCGGGCCATTTAAAGGCCTTATACCGAAGGGGGTGTCTCGGGCTGCCCTCGGG  
 GACTTGGAAAAAGCCACTGCTGATTTCAAGAAAGTGTAGCAGTAGATCCCAAAAACCGTGCAGCGAAAG  
 AGGAGCTGGGGAAGGTGGTCATTCAGGGGAGGAAACAGGATGCAGGGCTGGCTCGGGGACTGCGCAAGAT  
 GTTTAGCTGATTAAGGAGACAGGAACCCGCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_019873  
**Insert Size:** 1044 bp



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<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>BC046338</u> , <u>AAH46338</u>
<b>RefSeq Size:</b>	1173 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	56299
<b>UniProt ID:</b>	<u>O35450</u>
<b>Cytogenetics:</b>	17 B1
<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]