

## Product datasheet for **MC204557**

### **Fkbp14 (NM\_153573) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fkbp14 (NM_153573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fkbp14
Synonyms:	BC029109; FKBP-14; FKBP22
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC029109  
 CTGAACCTGCTTGGCCTAAGCTGTCTCCGCTTTTGGCACATTTTTAACTCTATGAAGTCGGGGGCCTTTC  
 CTCTGCTTTGGTAACATGAGGTTTTCTTGTGGAACGCTATCTTGGCACTGTGGGTACGGTTCTGAGCG  
 GAGCTCTGATTCTGAGCCAGAAGTGAAGTTCAGAAAGCCATTCATCTGCCATCGCAAGAC  
 CAAGGGAGGGGATCTGATGTTGGTCCACTACGAAGGCTATTTAGAAAAGGACGGCTCCCTGTTTCATTCC  
 ACTCACAACATAACAATGGTCAGCCTGTCTGGTTCACCCTGGGCATACTGGAGGTTCTCAAAGGCTGGG  
 ACCAAGGCTTGAAGGGAATGTGTGTGGGAGAGAAGCGAAAGCTCACCGTTCCTCCTGCCCTGGGCTATGG  
 CAAAGAAGGAAAAGGTAATAATCCCTCCAGAGAGCACACTGATATTCAACATTGACCTCCTGGAAATTCGA  
 AATGGCCCAAGGTCCACAGAGTCGTTTCAAGAAATGGACCTCAATGACGACTGGAGACTCTCTAAGCATG  
 AGGTTAAAGTGTATTTACAGAAGGAGTTTGAAGAAGCAGGTCGCGTGGTGAATGAAAGCCATCACGATGC  
 TTTGGTGAAGATATTTTGTAAAGAAGATGAAGACAAAGATGGATTTATATCTGCCAGAGAATTTACA  
 TATGTGCACGACGAACTGTAGGGACGCGCTGCCATTTATACACGTTTCTTCTAATGAAAGGCAGCA  
 CCTTTGAACAAAGCTTTCTCTTGCCTTTCTGTTTTAGTTTTATATTCTTTTCTATTATTTAAAGA  
 ACCTCAGAGACTTTGAAATATCGTTCGTATCTTCCAGTGAGTTATTGGCAGGAACGGTTGCTTTTGA  
 GTAGAGGACTCCCAGGCCGCTTCTAAGCTCACATGGGAGTTGGCTTTGCTTCCTTCTTCTAATGG  
 TAACATGGCAACTGGAACACACCCAGCATACACACAGGGTGTAGCACAGACCAGGGCCCTGTACTTCT  
 CCCTCCCTCTGTCTTCTCAAAGTCCAGTTACTGGCATATTTGAAAGCTTTTGTGCTAGTTCAAGGCTTGC  
 TATTTTCATGTTATAGTGAAGTGATTTTTCTTTACCTGCTTTTGTAGTCCCTGCTTGCAGGCAGGAGGAA  
 TATGGTGGACCTTATTCCTTAAGAGCTCTGGCCTTACTGTGGAGATACACAATGTGGATGAATGAGGGAG  
 GTAGCAACTCATGAATAGGTGGTCCAGAGACGCTCCTAGTGGCTAATAAACCATTACAATAAGTCAGACAAA  
 TAATATATTTGTTTCTTGTAAATCAACACACCAAAATATGGTAGGCATGGCAGAGAGTTGATTTATAAT  
 TAATGTTACTTTTGGAGCTACCAAGTTAGCCTTCTGGTCTTAAATAAAATAAGTTTGCAGCTAGTATA  
 TTTACTTTGCAACAGCATTGAATCCTGGGAGAAATAGTATGTCATGAGACTTCCCATTCTGATTCAT  
 GAAAAATAAGGCTAACCAATAACAGCTACTATTAATACTGGGCACTGACATTTATCATTTTATCTCAAAAT  
 TGGCTTCAAAAAATGACTACTACTTCTGTTTTTGTAGATTGTTTTAATCAAAATGGCTTTTATCTTAAAA  
 CAAACTTCCCAGACCTCCATTTGTATGCTCCTCATAGTTTACACGTGCACAATTGCCTGACTGGGGGTG  
 TCTGACACCCCTGGGAAGCTGCTGGGTCTTGGGTACTTCTTTATAGGTGAGAAGCTCTGTTTCAAGATT  
 GGCTGGTGAAGATGCAGCAAGTTTGGCTCTCTCTCTTGGTCTTATTTCCCTTAGCATCTTCCACTT  
 CTCTGCTAATGAAGATGCAGCAAGTTTGGCTCTCTCTCTTGGTCTTATTTCCCTTAGCATCTTCCACTT  
 TCTGGGATAAATCCTGCCAGTTCCTAGCTGATCACAGCTTTCCTTAGGATCCAGGAAGGCTGTGTTTT  
 CTGAGAATAGTCTTGGTTTGTGTCTCTCTCCAGTAACCCCTGAGAGGGGTTAGGTGTATGTCTTAT  
 GGCATCTAAGTTCACCTGTTCTGTCACCTCCTGTTGTTGTAGACATTGTATTGCAACACGAATCTGCTG  
 ATTGACATTGTTACTGGCGAGAATTACTCAAGGGCTTGTCTTGAAGATGCAGGGGTAACGTGAACTGT  
 TGCCACCTGCATTTTCTGGGGAGGTTGTGAGAAAGCCAGTGAGTGTGCTAGACCAGTGGTGTGCTTGA  
 AGGCTGCTTTGCTCCAAGCTGCCACCACCATCTGCGCTGGAGCAGTGAAGAAGAAAGAACTTTGACCACT  
 CAATTACATGGATTTTATCAGATCTCAGCTAACTTTCAAACAGAAGTATGAAAGAAAGACATACCTGG  
 AGAAAAATGGTTGTTAAAGCCATCTGCCATTGTGTATAGCAATGCCTTTGCACCCTCCATTAGTGGGAAT  
 AGTCAAACACCAAAATGTGACTTCACATGTATATACTTTGACTCCTAGCTGCTCTGTGTAATATTTAAA  
 TTTCTATGTCTATTGTGACACTTTTTTAAAAATAAAGTTTATTTGGGAAATAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_153573  
**Insert Size:** 636 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).

<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="#">BC029109</a></u> , <u><a href="#">AAH29109</a></u>
<b>RefSeq Size:</b>	2714 bp
<b>RefSeq ORF:</b>	636 bp
<b>Locus ID:</b>	231997
<b>UniProt ID:</b>	<u><a href="#">P59024</a></u>
<b>Cytogenetics:</b>	6 B3
<b>Gene Summary:</b>	PPlase which accelerates the folding of proteins during protein synthesis. Has a preference for substrates containing 4-hydroxyproline modifications, including type III collagen. May also target type VI and type X collagens.[UniProtKB/Swiss-Prot Function]