

## Product datasheet for **MC202269**

### 5730455P16Rik (NM\_027472) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	5730455P16Rik (NM_027472) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5730455P16Rik
Synonyms:	RP23-252E4.2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC055024 sequence for NM\_027472  
 CCCGAGGAGGTTGCCGCGATGCTCCCGTCTTTGCAGGAATCGCTGGATGGGGATGAAAAGGAGCTGGAGA  
 GCAGCGAAGAGGGTGGCTCCGCGGAGGAGCGGAGACTCGAGCCGCTCCCAGCAGCCACTACTGCCTGTA  
 CAGTTCCGCGGAAGCAGATTGACACAGAATCGAGGGGATAGTGATGATGGACGTTACAGGTGGCATAAAT  
 GCAGAAACCCCTCTGGTGATGATTTACGCCTCTCCTTGGTGGATACTAATCTACCATCTGAAGTGGAGC  
 CGGAACCTCGCAGTTTCATTGCTAAGCGTCTTTCCAAGGGAGCGGTCTTTGAAGGGCTGGTAATGTTGC  
 ATCTGTAGAGCTGAGAATCCAGGTTACCGAGTTGGTTGTTATTACTGCCTTTTCCAACAGGAAAACTG  
 CTTCTGAAATAGCAGCAATGGAATCTGAACATAACCCCTCTGAATATGTGGTCTGCTTCTTAGGAGGCT  
 CTGAAAAAGGACTGGAGCTTTTTCAGGCTTGAAGTGGACAAGTATATTCAAGGGCTGAAGAATAACATGAA  
 TTGTGAGGAAAGGAGTCTGGGAATGATGTAAGTCTATCTGAATAGCTGGTATGAGGATGTGGTGTGT  
 CCCATCCAAAGGGTGGTTCCTCTTTTCAGGAGAACTGACCTTTCTGCTCCATGCTGCTAAGTTACA  
 CTCCTGTTGAATTTAAGAGTCCGATGAAAAACAAGAGAGACATCAACAGGTTTCTGAGTGTGGCCAG  
 TCTCCAGGACTTATTCATGAAGGCACCATGACCTCGTTATGCATGGCCATGACAGAGGAACAGCATAAG  
 TCTGTGATCATCGACTGTAGCGGCCCCAGCCTCAGTCCACAATGCAGGAAGCAACCGTTTTTGTGAGG  
 ACTGGATGCAAGCTTTTACACGGTGTGAAGCCGGTAACCCTTTTCTTTTCAGACAAGTCTGGAAAA  
 CTTTAAACTAAAGGCTATACAAGACACAAACAATTTGAAGAGATTATCCGACAGGCAGAGATGAATCAT  
 TACGCTCTGTTTAAATGTTACATGTTTCTTAAGAACTGTGGCAGTGGAGATATCCTTTTGAAGATTGTTA  
 AAGTGGAAACATGAAGAAATGCCCGAGGCCAAAAGTGTGGTGGCTGCTTGAAGAATTCATGAGAGAAGC  
 GCTTGTCTGAAGTCCAGTCCCCTGTTGAGGATCTGTTTCATGGAGTGTATTGAGGCTGCATGTGGGGGC  
 TGTAATTACCATGTTTATAGGATTGCACTGCCCTAAGATGACTGGAAACACCCAGCTTCTTCTTTTG  
 TGCTTTTTTGTTAATTTAATTAACACAACAATCAGAGGAATGTCTTACCAGGTCCTAGGCAGACGC  
 TGTGTTACAGCTGGGGAATTTGCTGTCTATAAATCCTAAGCACGTGCTGCCTAAGAGCTCTGGAGAT  
 GAGTTTTGGCTTCTTGGGAGTTTACCGTAGTGTTAGCAGGATTTCTCCTCCAAAAGAACATAGTAGT  
 CCTTTCTCAGTACAATGTAGAAGTTGTAAAGTACATGATCCTAGCAAGATGTGATGACACATGCCATATA  
 ATCCCAGCTACTCAGGAGTTGAGGCAGGAGTTGTGAGTTCCAGGCCAGCCTGAGCTACTGAGTAAGT  
 TTATGTCCAGCTTGGACTACAGGCAGTCATCACCTTCTGCTTACTGCACCATCAGCTCGTTCATT  
 GACAGCCTGTTTCTCCTCTGAGTGCCTGATACAAACCAATGGGCAGGAATGACGAAGCCACCTTTTGAAG  
 CGAATATACACACGAATTATGAGTGTATAAGCACTTAAAAATGAGCTTTATGTATAGAACTTGTGGGCT  
 GGCAAGGTGGCTCAGAAGGTAAGAAACCTGCCACCAAGTCTGACAACCTATGTTCAATCCCCAACTCA  
 CTTGGTAGGAGAGAACCAACTCCACAAGTTGCCTCTGACCCATACAGAGCTACATACTCAATAAATAAAT  
 ACATGAAGATATGGTGGGCTGGAGAGGCAGCTCAGCAGTTAAGAGCATTGTTGCTCTTGGAGAGGAGCCG  
 GCACCTACCTGGTGGCTCAATTTAGGGGATTTGACACCCTGTTCTGACCTCCTCAAGCGTCAGGCACAC  
 ATGTAGTGTATAGATATACATGCAGACAAAACATACACATAAAATAATCTAAAACCAAGTAAAGAAAAA  
 GAAAGAGGAAGAGAGAGAAGAAAGGGTATACTAGCTTCAAGATGAAACATTCTCTCTGACTAAAAAGCTC  
 TTGTGGCAATTTACACAATAGGTATTTATTTGCCAGGAGCCTGTATTTTTTCTTCTTATTTCTAGATA  
 AAAATGCTGGAATTTTAAAGCAGTATTAAGAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_027472

**Insert Size:** 1182 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:** [BC055024](#), [AAH55024](#)

**RefSeq Size:** 2425 bp

**RefSeq ORF:** 1182 bp

**Locus ID:** 70591

**UniProt ID:** [Q9CYI0](#)

**Cytogenetics:** 11 B5

**Gene Summary:** May have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]