

## Product datasheet for **MC204127**

### **Dolk (NM\_177648) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dolk (NM_177648) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dolk
Synonyms:	BC026973; mKIAA1094; Tmem15
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC026973  
 GTCCCTAGTCACCAAACCTTTCTTCTCCCAAGAGCGCCAGACCTAGAGACATGACCCGACAGTGCCCTCCCC  
 AGGAGTCTGGGGCTGCGCTGAGCGGGTCCGGTGTGGCGGAGGCTGCAGTGGTGTTCGCCGTGGTGTGAG  
 CATCCACGCTGCAGTGTGGGACCGATACTCCTGGTGCAGCGGTGGCCCTCGCGGTGCAGGCCCTTCTACGTC  
 CAGTACAAGTGGGACCGGCTGCTCCAGCAGGGCAATGCCGTTTTCCAGTTCGGATGTCCGGAACAGCG  
 GCTTACTGCCGGCCTCCATGGTCATGCCTTTGCTTGGGCTAGTCATGAAGGAGCGCTGCCAGATGCAGG  
 GAACCCATACTTCGAGCGCTTCGGCATTGTGGTGCAGTACTGGCATGGCAGTGGCCCTTTCTCCTCC  
 GTGTTGGCACTGGGCATTACTCGCCCGGTGCCACCAATACTTGTCCATCTCTGGTTTGGCTGGAGGCG  
 TTATCATTATATTATGAGGCACTCGCTCAGTGTAGGCGAGGTGATCGAGGTCTGGAAGTCTGCTAAT  
 ATTTGTTTATCTCAACATGATCCTGCTGTACCTGCTGCCCGATGCTTCACTCCTGGGGAGGCACTGCTG  
 GTATTGGGTGGCATTAGCTTCGTCCTTAACCAACTCATCAAGCGCTCTCTGACTGAAAGCCAGGGGGACC  
 CAGTGGACTTCTCCTGTTGGTGGTGGTAGGGATGGTGCATGGGTGTCTTTTTCAGCACCTCTT  
 TGTCTTATGGATTACAGGCACCTGGGCCTTCCATCTTCTCCACCTCATGACCTGTGTGCTGGGCCTT  
 GGTGTGGTTCTGCCCTGGCTGCACTGGCTATTGCTAGGAACCCCTGCTTGGCTTCTCAGTTCCTCT  
 TCTACACTGAAACTCGCATCTACCTCCTTGCTATTGGTCTTTGCTGGCCTCTGTGGCCTGCCTGGTGGT  
 GCTGTACCAGAATGCTAAGCGGTGCTTCTGAGTCCAAGAAGCACAGGGCGCCTACCATTACAAGAAAG  
 TATTTCCACTTCATTGTGGTAGCCACTTATATCCCGGGCATCATCTTTGACCGGCCACTGCTGTATGTGG  
 CCGCCACTGTGTGCTGGCAGTCTTCATCTTCTGGAGTATGTGCGCTATTTCCGAATAAAGCCCTTGGG  
 TCACACTCTGCGAAGCCTTCTGTCCCTTCTCTGGATGAACGAGACAGTGGACCCCTTATCTAACACAC  
 ATCTACCTGCTTCTGGGCATGTCTTCTTATTTGGCTGATCCCCAGACCCTGTACACAGAAGGACAGCC  
 TGGAAAGGACAAGAGCCCTGGTCCCCTATGCTGGGGTCTTGGCTGTGGGTGTGGGTGATACTGTGGCCTC  
 CATATTTGGCAGCACCATGGGAGAGATCCGCTGGCCTGGAACCTAAGAAAACCTTCGAGGGGACTATGACA  
 TCTATATTTGCACAAATCATCTGTAGCTCTAATCTTAATCTTTGACAGTGGAGTAGACTGAAGTACA  
 GTTATGCCTGGATTTTGGGGTCCATCAGCACTGTATCCCTTCTGGAAGCGTACACTACTCAGATAGACAA  
 TCTCCTGTTGCCTCTCTACTACTGATATTGCTGATGGCCTAGTACCAAGTACAGCTGTGATGGGAAAC  
 AGGGAAATAGAATGAATGGTCCCCACAGCAGCTAGCCACCTGGACACCAAGAATCAAGAGATGGAAAGCA  
 GATTTTGTCTCATCCAGGAAGATGAAGCCAGAAAGTTGTTTCAGACTTAAAATAAAGAAGCAAAGCTCAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_177648

**Insert Size:** 1605 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:** [BC026973](#), [AAH26973](#)

RefSeq Size: 1844 bp

RefSeq ORF: 1605 bp

Locus ID: 227697

UniProt ID: [Q8R2Y3](#)

Cytogenetics: 2 B

Gene Summary: Involved in the synthesis of the sugar donor Dol-P-Man which is required in the synthesis of N-linked and O-linked oligosaccharides and for that of GPI anchors.[UniProtKB/Swiss-Prot Function]