

## Product datasheet for **MC228041**

### Gm4724 (NM\_001256480) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm4724 (NM_001256480) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm4724
Synonyms:	100043915
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228041 representing NM\_001256480  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATTTAGTCACCTATGATGACGTGCATGTGAACCTCACTCAGGATGAGTGGCTTTGCTGGATCCTT  
 CTCAGAAGAGTCTCTACAAGGGTGTGATGCTAGAGACCTATAAGAATCTCACAGCTATAGGTTACATTTG  
 GGAAGAACATACGATTGAAGACCATTTTCAAACCTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT  
 GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC  
 AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT  
 CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCCTATGACTGTAACAATGTGGTAAAGCTTT  
 GCAAGAAGCTGTCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT  
 GTGGTAAAGCTTTTAAAAGAAGGATTAACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCCTA  
 TGATGTAACCAATGTGGAAAAGCCTTTGCAAGTAGTGGTGAACCCAAAACATAAACGAACACATACA  
 GGAGAGAAACCCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCACAAAGCAGTCATCTCCGAATACATA  
 AGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA  
 CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCCTATGAATGTAACAATGTGGTAAAGCCTTT  
 GCATAGCAGTCATCTCCAAACATGAGCGAACACATACAGGAGACAAACCCCTATGAATGTAACAGT  
 GTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCCTA  
 TGAATGTAACAATGTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACA  
 GGAGAGAAACCCCTATAAATGTAAACAATGTGGTAAAGCCTTTGCAAGAAGCTGTCATCTCCGAATACATA  
 AGCGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAGAAAGCAGTAC  
 TCTCCAAATCCATAACCGAACACATACAGGAGAGAAACCCCTATGAATGTAACCAATGTGGTAAAGCTTTT  
 ATAACAAGGAGAGTCTCCAAATACATAAGCGAACACATACCGGAGAGAAACCCCTATGAATGTAACCAAT  
 GTGGAAAAGCTTTTGCAGAAGTTGTGACCTCCAAAACATAAACGAACTCATACAGGAGAGAAACCCCTA  
 TGAATGTAACCACTGTGGTAAAGCCTTTGCACAAAGCAGTTCTCTCCGAATCCATAAGCGAACATACATA  
 GGAGAGAGACAATATGAATGTAAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001256480
- Insert Size:** 1497 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:** [NM\\_001256480.1](#), [NP\\_001243409.1](#)

**RefSeq Size:** 4538 bp

**RefSeq ORF:** 1497 bp

**Locus ID:** 100043915

**Cytogenetics:** 2