

## Product datasheet for **MC225726**

### Gm10024 (NM\_001081452) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm10024 (NM_001081452) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm10024
Synonyms:	ENSMUSG00000057573
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225726 representing NM_001081452 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGTACACCAAGCTGCTCTTCAGGGTGCCAGCCATCCTGCTGTGTGTCCAGCCCCTGCCAGCCATCCT  
GCTGTGTGTCCAACCCCTGCCAGTCATCCTGCTGTGTGTCTAGTTCCTGCCAGTCAGCATGCTGCAGACC  
TGCTATATGCATTCTGTAGATACCAAGTAGCCTGCTGTGTGCCTGTAAGCTGCAGGCCCACTGTGTGC  
ATGGCTCCCTCCTGCCAGTCCTCTGTGTGTATGCCTGTGAGCTGCCGGCCTGTCTGTGTGACCTCCTCCT  
GTCAGTCATCTGGAGGCTGCCAACCATCCTGTCCAAGTGTAGTCTGCAGACCTGTGACCTGTAACCCCTC  
CTGCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001081452
Insert Size:	360 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).



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<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u>NM_001081452.2, NP_001074921.1</u>
<b>RefSeq Size:</b>	564 bp
<b>RefSeq ORF:</b>	360 bp
<b>Locus ID:</b>	100009614
<b>Cytogenetics:</b>	10 C1