

## Product datasheet for MC226041

### Zfp740 (NM\_001289691) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp740 (NM_001289691) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp740
Synonyms:	1110034O07Rik; AW548228; Znf740
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226041 representing NM_001289691 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGCTGAGCCAGATTGCCAGCAAGCAGGCTGAAAACGGCGAGCGGGCAGGTAGCCCTGATGTGCTGA  
 GGTGCTCCAGTCAGGGCCACCGAAAAGACAGTGATAAATCCCGCAACCGCAAAGAGGATGACAGCTTGGC  
 TGAGGCCCTCTCATTCAAAAAGACTGTTAAAAAGGTGGTGGTAGTGAACAAAATGGCTCTTTCAAGTA  
 AAGATTCCTCAAAAATTTATTTGTGAACACTGCTTTGGAGCCTTCGGAGCAGTTACCACCTCAAGAGGC  
 ACGTCCTAATCCCACTGGTGAGAAACCATTTGAGTGTGATGTCTGTGATATGCGTTTCATCCAGAAGTA  
 CCATCTCGAACGCCACAAGCGGGTACACAGTGGCGAAAAGCCTTACCAGTGTGAACGATGTCATCAGTGT  
 TTTTCTCGGACAGACCGATTACTCAGACACAAACGGATGTGCCAAGGATGCCAGTCCAAGACTTCTGAAG  
 GGCAGTTTTCTCTA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001289691
Insert Size:	507 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>RefSeq:</b>	<a href="#">NM_001289691.1</a> , <a href="#">NP_001276620.1</a>
<b>RefSeq Size:</b>	4249 bp
<b>RefSeq ORF:</b>	507 bp
<b>Locus ID:</b>	68744
<b>UniProt ID:</b>	<a href="#">Q6NZQ6</a>
<b>Cytogenetics:</b>	15 F2-F3
<b>Gene Summary:</b>	<p>May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and has multiple differences in the 5' coding region compared to variant 1. These differences cause translation initiation at a downstream start codon compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>