

## Product datasheet for RN208618

### Thumpd2 (NM\_001012108) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thumpd2 (NM_001012108) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Thumpd2
Synonyms:	MGC108999
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208618 representing NM_001012108 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCGCGCCGGGCGAGACCCGGTCTGAACCCGCTGGCGGCGCCAGTTCTTCTGCACCGCGGGCC  
GCGGCCTGGAGCCGTTCTTGATGCGGGAGGTGCGCGCGCGCTGGAGGCCACGCAGGTTGAATATATTTT  
AGGAAAAGTGTTTTCTACTACCTGTTGAGATTTGCCCTCGATGAAGAAGTTAAAGTCAGCGGAAAGACTG  
TTTTTGTGATTAAGAAGCAGCTTCCATTACGGTCTCCTCCCTGCACAGAGGAAGACTACTTAATGAAA  
TGCAAAGATTTATAAACGATGACCCAGGAAGCTGGCTGAAGGCGATTTCACTCTGGAGAAAATTCTCGA  
CCATGATACAAAATGGAGAAAAGGTTTCTCAAGGGGATGCTAACCCACTAAAACGGAAAGCAGGAGAAAAT  
GACAGTATCACTCCTAAGAAATTGAAATTAAGAGGAGATGCAAGTGTTGACAAGAGTCACGGGAAAGCC  
AGCAGGACCAACCACAAGGCCACTGGAGCAAGGGGAACTCTCGCTAGAACGGACGAGCTCCAAGAGCA  
AAGACTCCACAGAGCCTCGGAGACGGCGCGCATGCTCAGAGCCCGGAGGACTTGACCTTCAGGATTTCC  
TGTGCTGTCAGCGGGAGTATCAGAAAAGTTGTCACCGGACAGGAGGCAGGAAGAGTGGCTGGACTGGCTC  
TCATGAGGCAGTTTGGTTGAAAAGCTGATTTGAGGAAGCCAGACTTAGAGGCAGGAGCCCTGGTTTTAGA  
TCCAATGTGTGGCCTTGGACTATACTTGTGGAAGCTGCTGAAGAGTGGCCAGACGTATTTACGTGGGT  
GCTGATGTGAGCGACTCGCAGTTACTTGGCGCATGTGACAATCTGAAGGCCGAGGCCTTGACACAGGA  
TCGAGTTACTCAAAGCTCTGTCGAGATTTACCACTGCCAGCTCAAAGTGTGGACGTTATTATTCTGA  
CATTCCATTTGGAAAAAATTTAAGTTGGGAAAAGACATCAAAGCATTCTACAAGAAATGGAAAGAAAT  
CCTATAACAGCCTCCATCTTCAAAAATGCTCACCTCCCAGTGTCTGTCAAGGTGGCCGTTGTGGAGA  
AAGGGGACAGAATACCCGGCTGGAGAGGGAGACCATCCTGGTGTGCTGTAGGCATCGTCAAGAGATGCC  
TGCTACAGAGGTGGCAGCAGAAGGAGTGTGCACGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001012108
<b>Insert Size:</b>	1230 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u>NM_001012108.1, NP_001012108.2</u>
<b>RefSeq Size:</b>	1876 bp
<b>RefSeq ORF:</b>	1230 bp
<b>Locus ID:</b>	313851
<b>Cytogenetics:</b>	6q11