

## Product datasheet for **RN214687**

### Thumpd1 (NM\_001009688) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thumpd1 (NM_001009688) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Thumpd1
Synonyms:	MGC105734
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214687 representing NM_001009688 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCCACAGCCAGCAGTCCCCTCCGTCGGTCGGCGGAAAGCGCAAAGGCAAATCCCAGTTCCTGC  
CGGCCAAGCGGGCCGACGCTGTGACGCAGGCGGACCGCGGCAGCTGGAGCCCGCTTGCAGGGCATCCT  
CATCACCTGCAACATGAACGAGCGCAAGTGCCTGGAGGAGGCTACAGCCTGCTCAACGAGTATGGCGAC  
GACATGTACGGACCCGAAAAGTTTATAGACAAGGACCAGCAGCCCTCTGGAAGTGAGGGAGAAGATGATG  
ATGCAGAGGCTGCCTTGAAAAAGAAGTTGGTGACATTAAGGCTTCTACAGAGAAGAGGCTGAGAAGATT  
CCAGTCAGTGGAGAGCGGAGCAAATAATGTAGTTTTTCATCAGGACTTGGGATAGAACCTGAGAAATTA  
GTGCATCATATTTCCAGGATATGTACAAAACCAAGAAAAAGAAGACACGGGTTATTCTGCGAATGTTAC  
CTGTCTCAGGTACATGTAAGCATTTTTAGAAGATATGAAAAATATGCAGAAACATTTCTGGAACCTG  
GTTTAAAGCCCCAAACAAAGGGACATTTTCAGATTGTATACAAATCTCGAAATAACAGCCATATGAATAGA  
GAAGAAGTCATTAAGAGTTGGCAGGAATAGTAGGCAGCCTCAATTCAGAAAACAAAGTGGATCTCACTA  
ATCCAGAATACACGGTGGTAGTAAATCATCAAAGCTGTGTGTTGCCTGAGTGTGTGAAAGATTATGT  
GCTGTTCCGAAAATACAACCTCCAAGAAGTAGTGAAGAGTGCAAAGGACTCACGGCTCCCCAAAGCTG  
GGAAATGGCAAAGAAGCACAACCTGGAACCTGGTAGTAAGTTGAGTCAAAATGATCCCCCAAAGGGAAAA  
ACAACCAACAGGCAGCACCGGAGAGTAGCGAGGAGCTGGGGCAGACAGTGCCAGGTCGGAACCCAGGC  
AGGGAGTGAAGGAGGAGCTAAACCTGAACCTGAAAGTCAAGGCTCAGAAGGACCCAAAGGCAAGGAAAAAT  
GAGCTCTCCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001009688
Insert Size:	1062 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:	<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>
RefSeq:	<u><a href="#">NM_001009688.1</a></u> , <u><a href="#">NP_001009688.1</a></u>
RefSeq Size:	2710 bp
RefSeq ORF:	1062 bp
Locus ID:	309041
Cytogenetics:	1q35-q36