

Product datasheet for **MC217473**

Thumpd2 (NM_028138) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thumpd2 (NM_028138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thumpd2
Synonyms:	2810025A12Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217473 representing NM_028138
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGTAGCCAGGCAGACCCGGTCTGACCCGCTGGCGGCCCGGTTCTCTGCACCCGGGCC
 GCGGCCTGGAGCGTCTTGTATGCGGGAGGTGCGCGCGCGGTGGAAGCCACGCAGGTTGAATACATTTT
 AGGAAAAGTGTTTTTACCACCTGTTTCAGATTTGCCCTCTATGAAGAAGTTGAAGTCAGCGGAAAGACTG
 TTTGTGTGATTAAGAAGCAGCTTCCATTGCAGTCTCTCTCTGCACAAAGGAAAAATACTTAATGAGA
 TGCAAAGATTTGTAATGATGATCCAGGAAGTTGGCTGGAGGCCATTTCACTTTGGAAAAAATTCTCGA
 ACATGACCCAAAAAGAGAAAAAGTTTCTCAAAGGGATGCTAACCCACTAAAACGGAAAGCGGAGAAAAAT
 GAAACTATCATTGCTAAGAAATTAAGTGGAGGAGAAACAAGAGGTTGCCAAGGATCACGGAGAAAGCC
 AGGAGGACAAACTTCTGCAAGGCTCCCCGGAGCAAGGAGAAGCTGCTCACTAGAACAGAGCTGCAAGACCA
 TAGACTCAATAGTACCACAGAGAAGGCAGCTGATGCTCAGGACCAGGAGGACTTGACCTTACGGTTTCC
 TGCCGCTGCACCCGGGAATGTCAGAAAGGTCATCACGGGACAGGAGGCAGGAAGAGTGATTGGACTTGCTC
 TCATGAGGCAGTTTGGATGGAAAGCTGACTTGAGGAATCCAAATATAGAGATCTTCATGCACCTGAGTGA
 TGCTTACTCCGTGGTGGGATTCTCTGCTCAGAAATGCCCTTGGCCAGCAGAACTTACATCCAGACAGCT
 GGGCTGCGGTCAACCATAGCGTGGGCCATGGCGTCCATTGCAGAAATTAAGGCTGGAGCACTGGTTTTAG
 ATCCGATGTGTGGCCTTGGGACTATACTTGTGGAAGCAGCCGAAGAGTGGCCAGATGATTTTACATGGG
 TGCTGATATGAGTGACGCACAGTTACTTGGCGCATGTGACAATCTGAAGGCTGCAGGCCTTACAGACAGG
 ATTGAGTTACTTAAAAGCTCTGTTACAGATTTACCCTGCCATCACAAGTACGGATGTTATTATTTCTG
 ACATTCATTTGGGAAAAATTTAAGTTAGGAAAAGACATCAAAGCATTCTACAAGAAATGGAAAGAGT
 GCTGCGTGTGGTGGGGCCATGGTCTTGTGCTCAGTGAAGATCACCCGGCATCTTACAGACTGTGGA
 GGCAGCAGCATCCCCCTGACTTCCAAGGTCACATCGCTGAGCCTGAGATGAAGACGCTTTCGAATCCTG
 ACAGAACTGGTGCACCCGACACAGCATCACCTTCAAAAGAGCAAGTAGCGTGCAGTGTCTGGCAGGAT
 GCGGCCCTGTGGCTCATTGGTACCAGTGGAAATCCTTCAAAGTTAGCCTTGGAAAAACAGATGCATTTATA
 TGTAAGTATAAGAAGGCACAAGCTTCGGGACTGCTCCTCAGCTGAATGCCATGAGCCAGGTGCACACCCG
 AGATGGCAGCCATGCAAGAATCCCCTTCTCCAGGATTCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_028138

Insert Size: 1587 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:

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_028138.1](#), [NP_082414.1](#)

RefSeq Size: 1856 bp

RefSeq ORF: 1587 bp

Locus ID: 72167

UniProt ID: [Q9CZB3](#)

Cytogenetics: 17 E3