

Product datasheet for MC207916

Thumpd1 (NM_145585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thumpd1 (NM_145585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thumpd1
Synonyms:	6330575P11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207916 representing NM_145585 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACCACCGCCAGCAGTCCCCTCAGCCTGTTGCCGAAAGCGCAAAGGCAAATCCCAGTTCCTGC
CGGCCAAGCGGGCCGACGCGGTGACGCAGGCGGCCCGCGGCAGCTGGAGCCCGGCTGCAGGGCATCCT
CATCACCTGCAACATGAACGAGCGCAAGTGCCTGGAGGAGGCCTACAGCCTGCTCAACGAGTACGGCGAC
GACATGTACGGGCCGAAAAGTTTATAGACAAGGACCAGCAGCCCTCTGGAAGTGAGGGAGAAGACGATG
ATGCAGAGGCTGCCTTGAAGAAAGAAGTTGGTGACATTAAGGCTTCTACAGAGAAGAGGCTGAGAAGATT
CCAGTCAGTGGAGAGTGGAGCGAATAATGTAGTCTTCATCAGGACGCTTGGGATAGAACCCTGAGAAATTA
GTGCATCATATTTCCAGGATATGTACAAAACCAAGAAAAAGAAGACAAGGGTTATTCTACGAATGCTGC
CCATCTCAGGCACATGTAAGCTTTTTTGAAGATATGAAAAATATGCAGAAACATTTCTGGAACCCTG
GTTTAAAGCCCCAAACAAAGGGACATTTTCAGATTGTATACAAATCTCGAAACAATAGCCATATGAATAGA
GAAGAAGTTATTAAGAGTTGGCAGGAATAGTGGGCAGCCTCAATTCAGAAAAACAAAGTGGATCTCACTA
ATCCAGAATACACGGTGGTAGTGAAATCATCAAAGCTGTGTGTTGCCTGAGTGTGTGAAAAGATTATGT
GCTGTTTCAGAAAATACAACCTCCAAGAAGTGGTGAAGAGTGCAAAAGACTCGCAGCCTCACCCAAAGCTG
GGAAATGGCAAAGAAGCAAAATTTGGAACCTGATAGCAAGTTGAGTCAGAGTGATCCCCCAGAAGGGAACC
AGGTGGCACCAGAGAGTATCGAGGAGCTCGGGCAGACAGAGCCGGGTCTGAAACCCAGGCGGGAGTGA
AGGAGACGCTAAACCTGAACCTGAAAGTCAAGTCTCAGAAGTACCCAAGCAAAATGAAAATGAGCTCTCA
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_145585
Insert Size:	1053 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"> 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:	<u>NM_145585.2</u> , <u>NP_663560.1</u>
RefSeq Size:	2701 bp
RefSeq ORF:	1053 bp
Locus ID:	233802
UniProt ID:	<u>Q99J36</u>
Cytogenetics:	7 64.13 cM
Gene Summary:	Functions as a tRNA-binding adapter to mediate NAT10-dependent tRNA acetylation. [UniProtKB/Swiss-Prot Function]