

Product datasheet for **MR208128**

Thumpd3 (NM_008188) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thumpd3 (NM_008188) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Thumpd3
Synonyms:	AW556087; Gt(ROSA)26asSor; Gtrosa26as
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208128 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTTGTGACACTCAAGAAGCTACCAGAGAGTGCCTGGGTATGAACCTTGATGGCAACAAAGAGCCTG
 TGTCGCTGGTAGAAACGGCGCTCAGAAGTGAGTCGGAGCATCTCCAAGTCACTATTGGAGCCACTGTACC
 CACTGGCTTTGAACAAACGGCTCGCGGGGAAGTGAGAGAGAACTGAAGTCGGCCTGCAGAAATCAGCAAA
 GACCGCGAAAGATCTATTTTGTATTGCAAGTGGAAAGTCTGGCTCAGGTTCAATTGTCTGAGATCAGTTG
 ATAACCTGTTTGTGGTTGTTTTCAGGAGTTTAAAGATTACCAGTTCAAAGATACGAAGGAAGAAGTTCTAAG
 AGACTTTGAAGAACTGGCTGGAAAACCCATGGTCAGACCCCTTAAAAGTCTGGCAAATTAACACCACT
 TTCAAGAAGAAGAAGCAAAGCGCAGAAAGGCAAATCAGAGTGCAGGTAAGAGAAGGCTGACTGTGGAC
 AAGGAGACAAAGCAGATGAGAAAGATGGTAAGAAAAAGCATGCCAGCAGCACTTCAGATTCACATATCTT
 GGACTATTATGAAAATCCAGCCATCAAAGAAGAGATATCAACCTTAGTAGGTGATGTCTTGTCTGCTTGC
 AAAGATGAAACTGGTCAAAGCTTAAGAGAAGAACTGAACCACAGGTACAGAAAGTTTAGAGTCACCTGCA
 ACAGAGCAGGAGAGAAACATTGCTTTACCTCCAATGAGGCTGCGAGAGATTTTGGGGTGCATTCAAGA
 GTACTTTAAGTGAAGGCTGATATGACCACTTTGATGTAGAGTTTCTCCTGAACATCCATGATAATGAA
 GTCATTGTTGCTATTGCACTGACAGAAGAGAGTCTCCATCGCAGAAAATATTACACATTTTGGACCTACAA
 CTCTTAGGTCACTCTTGCCATAGGGATGCTCAGGCTCTGTGAACCTAAGCCTACTGATGTAATAGTGA
 CCCAATGTGTGGAACAGGGGCAATACCAATAGAGGGGGCTACTGAGTGGTCTCACTGTTACCATATTGCT
 GGGGACAATAACCACTGGCAGTGAACAGAGCAGCAAAATCACTCATCTCTATTGACTAAGAGCCAGA
 TTAAGATGAAAAACAACCTGGGTTTGCCCATTTGATGCTGTTCAAGTGGGATATCTGCAACCTCCCACT
 GAGAAGTCTTCTGTGGATATTATTGTAACAGATATGCCATTTGAAAAAGGATGGGATCCAAGAAGAGA
 AATTGGAATCTCTATCCAGCTTGCCCTCGGAAATGAGCCGTGTCTGTAGACCAGGGACAGCAGAGCTG
 TACTGCTTACTCAGGACAAGAAATGTTTTACCAAGGCCTTATCTGGAATGGGACATGTGTGGCGAAAGGT
 CCATGTAGTCTGGGTGAACATCGGGGCCCTTATGCTGCAGTTTATCTTCTAAAGCGCACTGCTCAAGCC
 TTTGTTTCCTTCAGATCAAGATGAAGGAAGAGACCCTCCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208128 protein sequence
 Red=Cloning site Green=Tags(s)

MSCDTQEATRECLGMNLDGNKEPVSLVESGVRSESEHLQVTIGATVPTGFEQTAAGEVREKLKSACRISK
 DRGKIYFDIAVESLAQVHCLRSVDNLFVVVQEFKDYQFKDTKEEVLRFEEELAGKLPWSDPLKVWQINTT
 FKKKKAKRRKANQSAGKEKADCGQDKADEKDKKKHASSTSDSHILDYENPAIKEEISTLVGDVLS
 KDETGQSLREETEPQVQKFRVTCNRAGEKHCFTSNEAARDFGGAIQEYFKWKADMTNFDVEVLLNIHDNE
 VIVAIALTEESLHRRNITHFGPTTLRSTLAYGMLRLCEPKPTDVI VDPMCGTGAIPIEGATEWSHCYHIA
 GDNNPLAVNRAANNISSLLTKSQIKDGKTTWGLPIDAVQWDICNPLRRTASVDIIIVTDMPFGRMGSKKR
 NWNLYPACLREMSRVC RPTGTRAVLLTQDKKCFKALSGMGHVWRKVHVWVWVNIIGLHAAVYLLKRTAQA
 FVHPSDQDEGRDPPW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_008188

ORF Size: 1518 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_008188.3](#)

RefSeq Size: 2110 bp

RefSeq ORF: 1518 bp

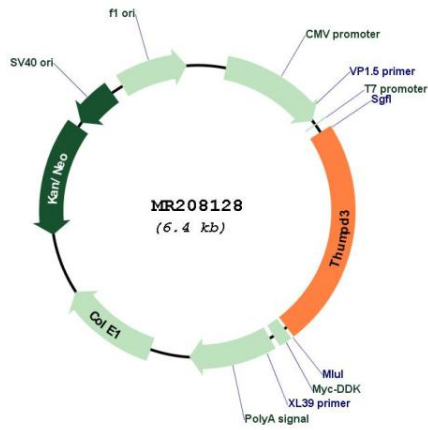
Locus ID: 14911

UniProt ID: [P97770](#)

Cytogenetics: 6 52.73 cM

MW: 56.4 kDa

Product images:



Circular map for MR208128