

Product datasheet for **MC216866**

Trappc9 (NM_001164643) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc9 (NM_001164643) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trappc9
Synonyms:	1810044A24Rik; 2900005P22Rik; 4632408O18Rik; lbp; mKIAA1882; Nibp; TRS130
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216866 representing NM_001164643
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGTCCCCGACTACATGCAGTGCAGAGGATCACCAGACCCTTCTGGTGGTCCAGGCCGTGG
 GCATCGTCTCTGAGGAGAACTTCTTCAGGATCTACAAGCGGATCTGCTCCGTGAGCCAGCTCAGTGTGCG
 CGACACGCAGCGTGCCCTCTTCATCCGCTATCGGCACCACTACCCGCCGAGAACAACGAGTGGGGCGAC
 TTCCAGACGCACCGCAAGGTGGTAGGCCTCATCACCATCACCATTGCTTCTCGCCAAAGACTGGCCAC
 AGACCTTCGAGAAGTTCCACGTGCAGAAGGAGATCTACGGTTCACGCTCTACGATTCGCCCTCTTCGT
 GTTCGGGTGCAGGGTGTGTGGCTGAGCAGCCGCGCCGGATGTGGCCTTCTATCCAACTACGATGAC
 TGCGATTAGTGGAGAAGCGCATCGAAGACTTCATCGAGTCCCTTTTCATTGTGTGGAGTCCAAGCGCC
 TGGACAGAGCCACCGACAAATCCGGGGACAAGATCCCTCTCTGTGTCCCTTCGAGAAGAAGGACTT
 CGTGGGACTAGACACGGATAGCAGACACTACAAGAAGCGGTGCCAAGGACGCATGCGGAAACACGTTGGG
 GACTTGTGCCTCCAGGCTGGGATGCTGCAGGACGCCCTGGTACACTACCACATGTCCGTGGAGCTCCTGC
 GCTCAGTGAATGACTTCCTGTGGTTAGGGGCTGCCCTGGAGGGGTGTGTCTCGGCTTCAGTCATTTATCA
 TTATCCCGGAGGAACTGGTGGCAAGACTGGGGCTCGGAGACTCCAAGGCAGCTCACTTCCCTCAGAAGCA
 GCCAACAGACACCGGCCAGGTGCTCTACCACCAACGGCATAAATCTGCACCAGCACTGAGATCGGAA
 GGGCCAAGAATTGCCTCAGCCCCGAGGACATCATTGACAAATACAAGAGGCCATCTCCTATTACAGCAA
 GTACAAGAACGCCGAGTGATTGAGCTGGAAGCCTGTGTCAAGGCCGTGCGCGTCTAGCGATTGAGAAG
 CGTGGCATGGAGGCTTCGAGTTTCTTCAGAATGCTGTGTACATCAATCTCCGGCAGCTTCGGAAGAAG
 AGAAAATCCAGCGCTACAGCATCTGTCTGAGCTCTACGAGCTGATTGGCTTCACCGCAAGTCAGCATT
 CTTCAAGCGAGTGGCTGCCATGCAGTGTGTGGCGCCAAGCATTGCAGAACCTGGCTGGAGGGCCTGTTAC
 AAGCTCCTTTTGGAGACGCTGCCTGGCTACAGTCTGTCTGCTAGATCCCAAGGACTTCAGCAAAGGCACAC
 ACCGAGGCTGGGCTGCCGTTAGATGCGTCTGCTGCATGAGCTGGTCTATGCCTCCCGCAGGATGGGGAA
 CCCCAGCTGTCCGTGCGGCACCTCTCCTTCTTGCAGACCATGCTGGACTTCTGTCTGACCAGGAA
 A**CACTGGCAACTTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164643

Insert Size: 1485 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_001164643.1](#), [NP_001158115.1](#)

RefSeq Size: 2833 bp

RefSeq ORF: 1485 bp

Locus ID: 76510

UniProt ID: [Q3U0M1](#)

Cytogenetics: 15 D3

Gene Summary: Functions as an activator of NF-kappa-B through increased phosphorylation of the IKK complex. May function in neuronal cells differentiation. May play a role in vesicular transport from endoplasmic reticulum to Golgi.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (5) lacks an exon in the coding region, which results in a frameshift and an early stop codon, compared to variant 2. The encoded isoform (5) has a distinct C-terminus, compared to isoform 2.