

Product datasheet for **MC222742**

Trappc9 (NM_001164641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trappc9 (NM_001164641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trappc9
Synonyms:	1810044A24Rik; 2900005P22Rik; 4632408O18Rik; lbp; mKIAA1882; Nibp; TRS130
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222742 representing NM_001164641

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGTCCCCGACTACATGCAGTGCAGAGGATCACCAGACCCTTCTGGTGGTCGTCAGGCCGTGG
 GCATCGTCTCTGAGGAGAACTTCTTCAGGATCTACAAGCGGATCTGCTCCGTGAGCCAGCTCAGTGTGCG
 CGACACGCAGCGTGCCCTCTTATCCGCTATCGGCACCACTACCCGCCGAGAACAACGAGTGGGGCGAC
 TTCCAGACGCACCGCAAGGTGGTAGGCCTCATCACCATCACCATTGCTTCTCGCCCAAAGACTGGCCAC
 AGACCTTCGAGAAGTTCACGTGCAGAAGGAGATCTACGGTTCACGCTCTACGATCCCGCCTCTTCGT
 GTTCGGGTGCAGGGTGTGTGGCTGAGCAGCCGCGCCGGATGTGGCCTTCTATCCAACTACGATGAC
 TGCGATTAGTGGAGAAGCGCATCGAAGACTTCATCGAGTCCCTTTTCATTGTGTGGAGTCCAAGCGCC
 TGGACAGAGCCACCGACAATCCGGGGACAAGATCCCTCTTCTGTGTCCCTTCGAGAAGAAGGACTT
 CGTGGGACTAGACACGGATAGCAGACACTACAAGAAGCGGTGCCAAGGACGCATCGGAAACACGTTGGG
 GACTTGTGCCTCCAGGCTGGGATGCTGCAGGACGCCCTGGTACACTACCACATGTCCGTGGAGCTCCTGC
 GCTCAGTGAATGACTTCCTGTGGTTAGGGGCTGCCCTGGAGGGGTGTGTCTCGGCTTCAGTCATTTATCA
 TTATCCCGGAGGAACTGGTGGCAAGACTGGGGCTCGGAGACTCCAAGGCAGCTCACTTCCCTCAGAAGCA
 GCCAACAGACACCGGCCAGGGGCGCAAGAAGTTCTCATTGACCCAGGTGCTCTCACCACCAACGGCATAA
 ATCCTGACACCAGCACTGAGATCGGAAGGGCCAAGAATTGCCACGCCCCGAGGACATCATTGACAAATA
 CAAAGAGGCCATCTCCTATTACAGCAAGTACAAGAACCGCGAGTGATTGAGCTGGAAGCCTGTGTCAAG
 GCCGTGCGCGTCTAGCGATTGAGAAGCGTGGCATGGAGGCTTCGGAGTTTCTTCAGAATGCTGTGTACA
 TCAATCTCCGGCAGCTTTCGGAAGAAGAGAAAATCCAGCGCTACAGCATCCTGTGTGAGCTCTACGAGT
 GATTGGCTTCCACCGCAAGTCAGCAATCTTCAAGCGAGTGGCTGCCATGCAGTGTGTGGCGCAAGCATT
 GCAGAACCTGGCTGGAGGGCCTGTACAAGCTCCTTTTGGAGACGCTGCCTGGCTACAGTCTGTGCTAG
 ATCCCAAGGACTTCAGCAAAGGCACACACCGAGGCTGGGCTGCCGTTTCAGATGCGTCTGCTGCATGAGCT
 GGTCTATGCCTCCCGCAGGATGGGGAACCCCGCACTGTCCGTGCGGCACCTCTCCTTCTTGCAGACC
 ATGCTGGACTTCTGTCTGACCAGGAAAAGAAAGATGTGACTCAAAGCCTGGAGAACTACACTGCCAAGT
 GTCCCGGACGATGGAGCCCATCACCCTCCAGATGGTCTCACACTGCCTCCCGTCCGTTTACCAAGT
 GCCCATTGTGAGTGCCTGAAGTGTGAGTCTCCCCACCAGCCTGCGACCCACAAGGTGAAAAGCTTG
 CTGGGCCAGAGCATGTCCACCAAGAGCCCCTTCTATCTATCGCCAATCATCGCACATAACCGTGGAGAAG
 AACGCAACAAAAAATAGATTTCCAGTGGGTTCAAGGAGATGTGTGTGAAGTTCAGCTGATGGTGTACAA
 CCCAATGCCGTTTGGAGTCCGCGTGGAAAACATGGGGCTTCTCACCAGCGGAGTGGAGTTTGGAGTCTCT
 CCTGCAGCGCTTCCCTCCCTGCGGAATCTGGTTTGTACCCGGTACGCTGGTCCGAGTCCACAGACTA
 CAGGAATGATCACTGTGAATGGTTACCATACCACAGTCTTTGGGGTCTTCAGCGACTGCCTTCTGGACAA
 CCTTCCGGGACTGAAGACGGGGCGCTCCACCGTGGAAATCATCCCTGCCTTGCCAAGACTGCAGATCAGC
 ACATCGCTGCCAGGTCCGCACGCTCACTGCAGCCTTCTGCCGGCGATGAGATCGCCACCAACGTATCTG
 TTCAGCTGTACAACGGAGAAAACCCAGCAGCTGGCTGTACCTTGGAGAACATCGGACTGGAGCCTTGGA
 GCAGTGGAGGTCACCTCAAAGTCTCACCAACCAAGAAAAGTTGTATGGCGACTTCTTGAGCTGGAAA
 CTGGAAGAGACGCTGGCCAGTTTCCCTGCAGCCCGGGAAGGTGGCTACTTTCACCATCAACATCAAGG
 CAAAGCTGGATTTCTCTTCCAGGAGAATCTTCTCCAGGACCTGAGTGTGATGGAATCAGCGTGAAGCGG
 CTTTCCCTGTCCAGTCTTCCGCCAGGTGGTGCAGCCCGAGTGGAGAGCAGACCCACAAACCCTTCT
 GAGGGCAGCAAGACGGGGACCTTGGCCACGTCAAGTGGCAGCTGTTTAAATGTCAGGCAAGAAGAAGAGG
 AGGAGGACAAGGAGGAGGAGGAAGAAGAGGAAGCAGTAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 AGCAGCAGCAGCAGATTGCTCTGATGCAAGTTTACTGTCAACACAGAACCATGAGGAGCAGAGTTCC
 TGTAGCTCCGAGCAGCTGTTATCCCTGCTGCTGGAGGGGCTGCTGGAGGGGCAGTGTGGCAGATGTATG
 TGATGTTGTGCGTCTTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001164641
Insert Size:	2823 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_001164641.1</u> , <u>NP_001158113.1</u>
RefSeq Size:	4688 bp
RefSeq ORF:	2823 bp
Locus ID:	76510
UniProt ID:	<u>Q3U0M1</u>
Cytogenetics:	15 D3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an exon in the coding region, which results in a frameshift and an early stop codon, compared to variant 2. The encoded isoform (3) has a distinct C-terminus, compared to isoform 2.</p>