

Product datasheet for MG201206

Trappc6b (NM_030057) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Trappc6b (NM_030057) Mouse Tagged ORF Clone

Tag: TurboGFP Symbol: Trappc6b

Synonyms: 5830498C14Rik; C79212

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG201206 representing NM_030057

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCGGACGAGGCGTTGTTTTTGCTTCTCCATAACGAGATGGTGTCCCGGAGTGTACAAGTCCGCCGAGC
AGGGGGAAGTGGAAAATGGAAGGTGTGTTACTAAGCTGGAGAGCATGGGGTTCCGAGTGGGGCAAGGACT
GATAGAAAGGTTTACGAAAGATACTGCAAGGTTCAAGGATGAATTAGACATCATGAAGTTCATCTGTAAA
GATTTTTGGACTACAGTATTCAAGAAACAGATTGACAATCTGAGGACAAATCATCAGGGCATATATGTAC
TTCAGGACAACAAATTTCGACTACTCATTCAGCTGTCTGCAGGAAAACAGTATTTAGAACATGCGTCCAA
GTATCTAGCATTCACATGTGGCTTAATCAGAGGTGGCTTGTCGAACTTGGGAATAAAAAGTATTGTAACA
GCTGAAGTCTCTTCAATGCCTGCCAAATTTCAGGTGATGATACAGAAGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201206 representing NM_030057

Red=Cloning site Green=Tags(s)

MADEALFLLLHNEMVSGVYKSAEQGEVENGRCVTKLESMGFRVGQGLIERFTKDTARFKDELDIMKFICK DFWTTVFKKQIDNLRTNHQGIYVLQDNKFRLLIQLSAGKQYLEHASKYLAFTCGLIRGGLSNLGIKSIVT

AEVSSMPACKFQVMIQKL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



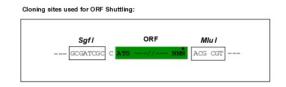
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

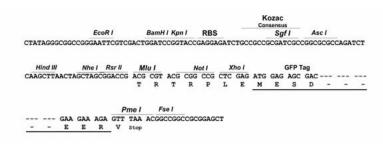
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

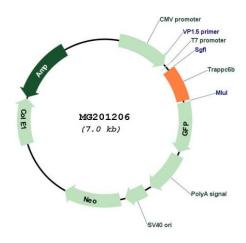


Cloning Scheme:





Plasmid Map:



ACCN: NM_030057

ORF Size: 474 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.

ORIGENE

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: <u>NM 030057.1</u>

 RefSeq Size:
 1272 bp

 RefSeq ORF:
 477 bp

 Locus ID:
 78232

 UniProt ID:
 Q9D289

 Cytogenetics:
 12 C1

Gene Summary: Component of a transport protein particle (TRAPP) complex that may function in specific

stages of inter-organelle traffic (By similarity). Specifically involved in the early development of neural circuitry, likely by controlling the frequency and amplitude of intracellular calcium transients implicated in the regulation of neuron differentiation and survival (By similarity).

[UniProtKB/Swiss-Prot Function]