

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 Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201206 representing NM_030057
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACGAGGCGTTGTTTTGCTTCTCCATAACGAGATGGTGTCCGGAGTGTACAAGTCCGCCGAGC
AGGGGGAAGTGGAAAATGGAAGGTGTACTAAGCTGGAGAGCATGGGGTCCGAGTGGGCAAGGACT
GATAGAAAGGTTACGAAAGATACTGCAAGTTCAAGGATGAATTAGACATCATGAAGTTCATCTGTAA
GATTTTTGGACTACAGTATTCAAGAAACAGATTGACAATCTGAGGACAAATCATCAGGCCATATATGTAC
TTCAGGACAACAATTTGACTACTCATTAGCTGTCTGCAGGAAAACAGTATTTAGAACATGCGTCCAA
GTATCTAGCATTACATGTGGCTTAATCAGAGGTGGCTTGTGCAACTTGGGAATAAAAAGTATTGTAACA
GCTGAAGTCTCTCAATGCCTGCCTGCAATTTCAAGTATGATACAGAAGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201206 representing NM_030057
Red=Cloning site Green=Tags(s)

MADEALFLLLNEMVSGVYKSAEQGEVENGRCVTKLESMGFRVQGLIERFTKDTARFKDELDIMKFICK
DFWTTVFKKQIDNLRNTHQGIYVLQDNKFRLLIQLSAGKQYLEHASKYLAFTCGLIRGGLSNLGIKSIIVT
AEVSSMPACKFQVMIQKL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



[View online »](#)

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_030057.1</u>
RefSeq Size:	1272 bp
RefSeq ORF:	477 bp
Locus ID:	78232
UniProt ID:	<u>Q9D289</u>
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]