

Product datasheet for **RG200602**

TRAPPC3 (NM_014408) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC3 (NM_014408) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRAPPC3
Synonyms:	BET3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200602 representing NM_014408 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGAGGCAGGCGAACCGTGGCACCAGAGCAAGAAATGAGCTCTGAGCTCTTCACCCTGACCTATG
 GTGCCCTGGTCACCCAGCTATGTAAGGACTATGAAATGATGAAGATGTGAATAACAGCTGGACAAAAT
 GGGCTTTAACATTGGAGTCCGGCTGATTGAAGATTTCTGGCTCGGTCAAATGTTGGGAGGTGCCATGAC
 TTTCGGGAACTGCGGATGTCATTGCCAAGGTGGCGTTCAAGATGTAAGTGGGCATCACTCAAGCATT
 CTAATTGGAGCCAGCTGGTGATGAATTCTCCCTCATTTTGGAAAATAACCCCTTGGTGGACTTTGTGGA
 ACTTCCTGATAACCACTCATCCCTATTTATTCCAATCTTTGTGTGGGGTGTTCGCGGGAGCTTTGGAG
 ATGGTCCAGATGGCTGTGGAGGCCAAGTTGTCCAGGACACCCTGAAAGGAGACGGTGTGACAGAAATCC
 GGATGAGATTATCAGGCGGATTGAGGACAATCTTCCAGCTGGAGAGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:	>RG200602 representing NM_014408 Red=Cloning site Green=Tags(s)
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MSRQANRGTESKKMSSELFLLTYGALVTQLCKDYENDEDVNKQLDKMGFNIGVRLIEDFLARSNVGRCHD
 FRETADVIKVAFKMYLGITPSITNWSAGDEFSLILENNPLVDFVELPDNHSSLIYSNLLCGVLRGALE
 MVQMAVEAKFVQDTLKG DGVT EIRMR F IRR IEDNLPAGEE

TRTRPLE - GFP Tag - V

Restriction Sites:	SgfI-MluI
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Cloning Scheme:


ACCN: NM_014408

ORF Size: 540 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_014408.5](#)

RefSeq Size: 1278 bp

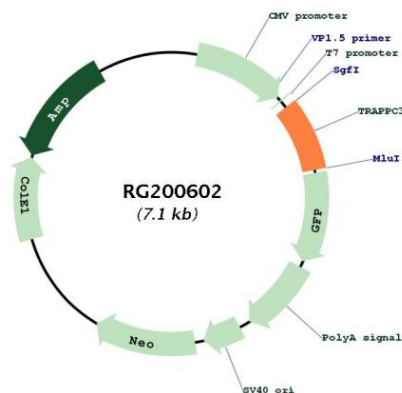
RefSeq ORF: 543 bp

Locus ID: 27095

UniProt ID: [O43617](#)

Cytogenetics:	1p34.3
Domains:	TRAPP_Bet3
Gene Summary:	This gene encodes a component of the trafficking protein particle complex, which tethers transport vesicles to the cis-Golgi membrane. The encoded protein participates in the regulation of transport from the endoplasmic reticulum to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Product images:



Circular map for RG200602