

Product datasheet for RC231770

TRAPPC3 (NM_001270895) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC3 (NM_001270895) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRAPPC3
Synonyms:	BET3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231770 representing NM_001270895 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGCTTTAACATTGGAGTCCGGCTGATTGAAGATTTCTTGGCTCGGTCAAATGTTGGGAGGTGCCATG
 ACTTTCCGGAACTGCGGATGTCATTGCCAAGGTGGCGTTCAAGATGACTTGGGCATCACTCCAAGCAT
 TACTAATTGGAGCCCAGCTGGTGATGAATTCCTCCTCATTTTGGAAAATAACCCCTTGGTGGACTTTGTG
 GAACTTCCTGATAACCACTCATCCCTTATTTATCCAATCTCTTGTGTGGGTGTTGCGGGGAGCTTTGG
 AGATGGTCCAGATGGCTGTGGAGCCAAGTTTGTCCAGGACACCCTGAAAGGAGACGGTGTGACAGAAAT
 CCGGATGAGATTCATCAGGCGGATTGAGGACAATCTTCCAGCTGGAGAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

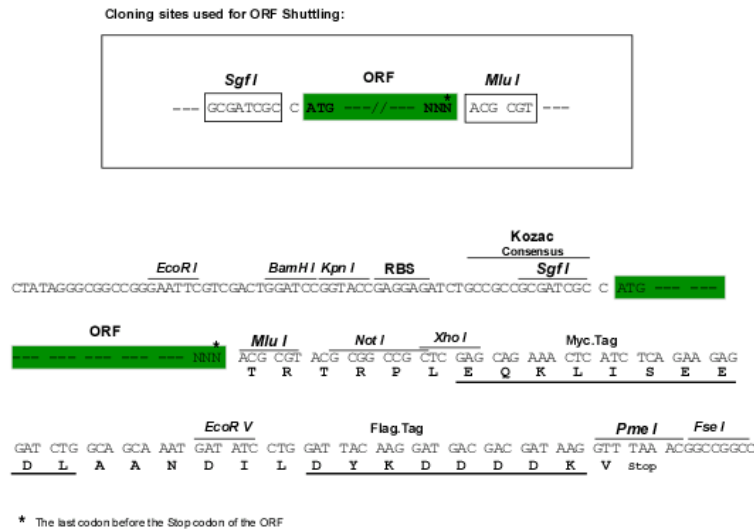
Protein Sequence:	>RC231770 representing NM_001270895 Red=Cloning site Green=Tags(s)
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MGFNIGVRLIEDFLARSNVGRCHDFRETADVIAKVAFKMYLGITPSITNWSPAGDEFSLILENNPLVDV
 ELPDNHSSLIYSNLLCGVLRGALEMVQMAVEAKFVQDTLKG DGVT EIRMFIRRIEDNLPAGEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:


ACCN: NM_001270895

ORF Size: 402 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

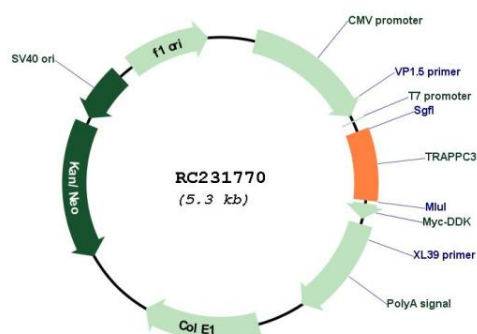
RefSeq: [NM_001270895.1](#), [NP_001257824.1](#)

RefSeq Size: 1326 bp

RefSeq ORF: 405 bp
 Locus ID: 27095
 UniProt ID: O43617
 Cytogenetics: 1p34.3
 MW: 15.5 kDa

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 RC231770