

## Product datasheet for SC328219

### TRAPPC1 (NM\_001166621) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC1 (NM_001166621) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC1
Synonyms:	BET5; MUM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328219 representing NM_001166621. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGACTGTCCACAACCTGTACCTGTTTGACCGGAATGGAGTGTGTCTGCACTACAGCGAATGGCACCGC  
 AAGAAGCAAGCAGGGATTCCCAAGGAGGAGGAGTATAAGCTGATGTACGGGATGCTCTTCTCTATCCGC  
 TCGTTTGTGAGCAAGATGTCCCGCTAGACATGAAGGATGGCTTCCTGGCCTTCCAACTAGCCGTTAC  
 AAATCCATTACTACGAGACGCCCACTGGGATCAAAGTTGTCATGAATACTGACTTGGGCGTGGGACCC  
 ATCCGAGATGTGCTGCACCATCTACAGTGCCTGTATGTGGAGCTGGTGGTGAAGAATCCCCTGTGC  
 CCGCTGGGCCAACTGTGCAAAGTGAGCTCTTTCGCTCCCGACTGGACTCCTATGTCGCTCTGCCC  
 TTCTTCTCCGCCCGGGCTGGCTGA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001166621
Insert Size:	438 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).


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<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001166621.1</a></u>
<b>RefSeq Size:</b>	777 bp
<b>RefSeq ORF:</b>	438 bp
<b>Locus ID:</b>	58485
<b>UniProt ID:</b>	<u><a href="#">Q9Y5R8</a></u>
<b>Cytogenetics:</b>	17p13.1
<b>MW:</b>	16.8 kDa
<b>Gene Summary:</b>	<p>This gene product plays a role in vesicular transport of proteins to the Golgi apparatus from the endoplasmic reticulum. The encoded protein is a component of the multisubunit transport protein particle (TRAPP) complex. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>