

Product datasheet for **SC107579**

TRAPPC4 (NM_016146) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC4 (NM_016146) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC4
Synonyms:	CGI-104; HSPC172; NEDESBA; PTD009; SBDN; SYNBINDIN; TRS23
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107579 sequence for NM_016146 edited (data generated by NextGen Sequencing)

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ATGGCGATTTTGTGTGTATGTGGTGAACAAAGCTGGCGGCTTGATTTACCAGTTGGAC
AGCTACGCGCCACGGGCTGAGGCTGAGAAAACCTTCAGTTATCCGCTGGATCTGCTGCTC
AAGCTACACGATGAGCGTGTTGGTTGCTTTCGGCCAGCGGGACGGCATCCGAGTGGGT
CATGCAGTGCTGGCCATCAATGGCATGGACGTGAATGGCAGGTACACGGCCGACGGGAAA
GAGGTGCTGGAGTATCTGGGTAACCCTGCTAATTACCCGGTGTCCATTCGATTTGGCCGG
CCCCGCTCACTTCTAATGAGAAGCTTATGCTGGCCTCCATGTTCCACTCGCTCTTTGCC
ATCGGCTCCCAGCTGTCTCCTGAACAGGGAAGCTCAGGCATTGAGATGCTGGAGACAGAC
ACATTCAAATTGCACTGCTACCAGACACTGACAGGGATCAAGTTTGTGGTCTAGCAGAT
CCTAGGCAAGCTGGAATAGATTCTTTCTCCGAAAGATTTATGAGATTTACTCAGACTTT
GCCCTCAAGAATCCATTCTATTCTTAGAAATGCCTATCAGGTGTGAGCTCTTTGACCAG
AACCTGAAGCTAGCTCTGGAGGTGGCAGAGAAGGCTGGAACCTTTTGGACCTGGGTCATAG
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Clone variation with respect to NM_016146.4



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016146 unedited</p> <pre> GTCAAAATTTGTATACGACTCATATAGGCGGCNCGCAATTCGCACGAGGCGCCTAATAC TGCCGGAGTCTGCGCTAGTTGTGACGCAGTACTATAGCGCTGTTTTCTGCACTGATAAA CGAAAAGCAATCCACCAGGTCTCGGCAGCTAATTTCCGGCACTACTTATGCCCCAGCGT GTCGCTCCCAGTGCACAAGTGCAGCAGGTGGCTGCACGGGGGCGCGGGAGGAGGAGG GAGGAGGAGGAGGCTGGGGTGGGGCCGGCGCAAGTGTGTGATCGGGTCCGGGGAGGG GCCGTCGGGTAGAGGCTGAATACCAGTTTCCGAGCGCAAGGCAGCGATGGCGATTTTAA GTGTGTATGTGGTGAACAAAGCTGGCGGCTTGATTTACCAGTTGGACAGCTACGCGCCAC GGGCTGAGGCTGAGAAACTTTCAGTTATCCGCTGGATCTGCTGCTCAAGCTACACGATG AGCGTGTGTTGGTTGCTTTCGGCCACGGGACGGCATCCGAGTGGGTGATGCAGTGTGG CCATCAATGGCATGGACGTGAATGGCAGGTACACGGCCGACGGGAAAGAGGTGCTAGAGT ATCTGGGATACCCTGCTAATTACCCGGTGTCCATTGATTTGGCCGGCCCCGCTCACTT CTAATGAGAAGCTTATGCTGGCCTCCATGTTCCACTCGCTCTNTGCCATCGGCTCCCAGC TGCTCCTGAACAGGGAAGCTCANGCATTGAGATGCTGAAGACAGACACATTCAAATTGC ACTGCTACCAGACACTGACAGGGATCAAGATTTTGTGGTTCCTAAGCAAATACCTAGCAA GCCTGGAATAGATTCTTCTCCGAAAGAATTATTGAGATTTACTCCAGACTTTGCCCT CAAGAATCCATTCTATCCCTAAAAAGCCT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016146 unedited</p> <pre> GCCGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTTTTTCCAAAATCAAAGGAATATTTATT ACAACATTTATGGACCTAGCTCCTCCATAAATAAATCTGTACAGAGTTGGAAAGTAAAGAC CATGGTATATACAGAAGGAAAGAGCACAGTGTTAAGGCTCAGGAATCAGTACAAGTCATC AGGGTCAGCATTCTCCACTTTCAAGTGCCTAACAAGGCTGCTGGGATTTCCACTGGAG TGCAACAGCAGTATTCTTGTGCAAGAACTCTCAGAATTTGGGGTCCATAACAGGTTCC AGCCTATGACCCAGGTCCAAAAGTTCCAGCCTTCTCTGCCACCTCCAGAGCTAGTTCAG GTTCTGGTCAAAGAGCTCACACCTGATAGGCATTTCTAAGGAATAGAATGGATTCTTGAG GGCAAAGTCTGAGTAAATCTCATAAATCTTTCGGAGAAGAGAATCTATCCAGCTTGCTT AGGATCTGCTAGAACCACAACTTGATCCCTGTGAGTGTCTGGTAGCAGTGCAATTTGAA TGTGTCTGTCTCCAGCATCTCAATGCCTGAGCTTCCCTGTTCCAGGAGACAGCTGGGAGCC GATGGCAAAGAGCGAGTGAACATGGAGCCAGCATAAGCTTCTCATTAGAAGTGAAGCCG GNGCCGGCCAAAATCGAATGGACCCGGGTAATTAGCAGGGTTACCCAGATACTCCAGCAC CTTTTCCCGTCGCGCGGTGACCTGCATTACGTNATGCCATTGATGGCCAGCAGCTGC ATGACCCACTCGGATGCCGTCCCGCTGGCCGAAAGCAACAACACACGCTCATCGTGTAGC TTGGACACCAGATCCGCGGATAACTGATAGTTTCTAGCCTCAGCCGTGGCGGTAAGTGT TCACTGGTAATAAGCCCGCAGCTTGTCACTACTACCACCTAAACGCATCTGCTGCCGC TCGAACTGNTTANCTTACCCACGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016146
Insert Size:	1250 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).
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_016146.1](#), [NP_057230.1](#)

RefSeq Size: 1222 bp

RefSeq ORF: 660 bp

Locus ID: 51399

UniProt ID: [Q9Y296](#)

Cytogenetics: 11q23.3

Domains: Sybindin

Protein Families: Druggable Genome

Gene Summary: May play a role in vesicular transport from endoplasmic reticulum to Golgi.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1).