

Product datasheet for **SC112929**

TRAPPC1 (NM_021210) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC1 (NM_021210) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC1
Synonyms:	BET5; MUM2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112929 sequence for NM_021210 edited (data generated by NextGen Sequencing) ATGACTGTCCACAACCTGTACCTGTTTGACCGGAATGGAGTGTGTCTGCACTACAGCGAA TGGCACCACAAGAAGCAAGCAGGGATTCCCAAGGAGGAGGAGTATAAGCTGATGTACGGG ATGCTCTTCTCTATCCGCTCGTTTGTGCAAGATGTCCCGCTAGACATGAAGGATGGC TTCCTGGCCTTCCAACTAGCCGTTACAACTCCATTACTACGAGACGCCCACTGGGATC AAAGTTGTCATGAATACTGACTTGGGCGTGGGACCCATCCGAGATGTGCTGCACCACATC TACAGTGCCTGTATGTGGAGCTGGTGGTGAAGAATCCCTGTGCCCGCTGGGCCAACT GTGCAAAGTGAGCTCTTCGCTCCCGACTGGACTCCTATGTTGCTCTCTGCCCTTCTTC TCCGCCCGGGCTGGCTGA

Clone variation with respect to NM_021210.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021210 unedited
 TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTGGGGTCCCCACCTG
 GTTGGAAGGCTGTGGGTCCGGGAACCCGAGCCCAAGGAGTGGGGGCGGCCCCGGAGCGAG
 GCTCAGCTCCCTGCCCTGCAGATGACTGTCCACAACCTGTACCTGTTTGACCGGAATGG
 AGTGTGTCTGCTACAGCGAATGGCACCAGCAAGAAGCAAGCAGGGATTCCCAAGGAGGA
 GGAGTATAAGCTGATGTACGGGATGCTCTTCTCTATCCGCTCGTTTGTGAGCAAGATGTC
 CCCGCTAGACATGAAGGATGGCTTCCTGGCCTTCCAACTAGCCGTTACAACTCCATTA
 CTACGAGACGCCCACTGGGATCAAAGTTGTCATGAATACTGACTTGGGCGTGGGACCCAT
 CCGAGATGTGCTGCACCATCTACAGTGCCTGTATGTGGAGCTGGTGGTGAAGAATCC
 CCTGTGCCGCTGGGCCAACTGTGCAAAGTGAGCTCTTCGCTCCGACTGGACTCCTA
 TGTTGCTCTCTGCCCTTCTTCCGCCGGGCTGGCTGAAGCAACCTACCTCAAGTCTC
 AGGAGAATTCATGTCTGCCTGGGGCCCTCCGAACCTGTGCAACCTAAAGGGCCCCACTG
 TTGNAAGCCCCCGCACCCCCACCCTCTGCCAGAGCAACAGCCTAAAGGCCTGCCCTGAT
 GCTCTCCTCTACAGAGTGAAGCCACAGAGTCCCTCCACTTCACACCAGGCCCTTTT
 CCAGTTNTATCCCTGCCCTATACTGCGAGAAGCACAGAACTANACTTTNTGTCACTCTCA
 AAAAAAAAAAAAACTCGCTCTAGATGCGGCCGCGTCATACTGTTTCTGACAGACCCGGN
 TGCATCCTGTGACCCTNCCAGTGCTCTCTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_021210 unedited
 TTACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGTGACAAAAAG
 TTTATTCTGTGCTTCTCGCAGTATTAGGCAGGGGATAAACTGGAGAGAGGGCCTGGTGT
 GGAGGTGGAGGGACTCTGTGGGCTTCACTCTGGTAGGAGGAGAGCATCAGGGCAGGCCTT
 TAGGCTGTTGCTCTGGGAGGGGGTGGGGTGCAGGGGCTTACAGTGGGGGCCCTTAGTT
 GGCACAGGTTTCGAAGGGCCCCAGGCAGACATGAATTCTCCTGAGACTTGAGGTAGGTTG
 CTTAGCCAGCCCGGGCGGAGAAGAAGGGCAGAGAGCGAACATAGGAGTCCAGTCGGGAG
 CGAAAGAGCTCACTTTGCACAGTTTGGCCAGCGGGCAGAGGGGATTCTTACCACCAGC
 TCCACATACAGCGCACTGTAGATGTGGTGCAGCACATCTCGGATGGGTCCACGCCCAAG
 TCAGTATTGACAACTTTGATCCAGTGGGCGTCTCGTAGTAAAGGAGTTTGTAAACGG
 CTAGTTTGAAGGCCAGGAAGCCATCCTCATGTCTAGCGGGACATCTTGCTGACAAAC
 GAGCGGATAGAGAAGAGCATCCCGTACATCAGCTTATACTCCTCCTTGGGAATCCCT
 GCTTGCTTCTTGGGTGCCATTGCTGTAGTGCAGACACTCCATTCCGGTCAAACAGG
 TACAGGTTGTGGACAGTCATCTGCAGGGCAGNAGTGTGAGCCTCGCTCGGGGCCNCCC
 CACTCCTTGGGGCTCGGTTCCCGGACCCACAGNCTTNAACCAGGTGGGGACCCACCCT
 CGTGCCCGAATCGCGNNCGCCTATAGTGAGTCGTATACAAAATCTGACGGTCACTAACG
 AGCTCTGCTATATAGACCTCCACGN

Restriction Sites:

NotI-NotI

ACCN:

NM_021210

Insert Size:

840 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:	<u>NM_021210.2, NP_067033.1</u>
RefSeq Size:	832 bp
RefSeq ORF:	438 bp
Locus ID:	58485
UniProt ID:	<u>Q9Y5R8</u>
Cytogenetics:	17p13.1
Domains:	Sybindin
Gene Summary:	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] Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the same protein.