

Product datasheet for **SC115010**

TRAPPC3 (NM_014408) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC3 (NM_014408) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC3
Synonyms:	BET3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115010 sequence for NM_014408 edited (data generated by NextGen Sequencing) ATGTCGAGGCAGGCGAACCGTGGCNCNAGAGCAAGAAAATGAGCTCTGAGCTCTTCACC CTGACCTATGGTGGCCTGGTCACCCAGCTATGTAAGGACTATGAAAATGATGAAGATGTG AATAAACAGCTGGACAAAATGGGCTTTAACATTGGAGTCCGGCTGATTGAAGATTCTTG GCTCGGTCAAATGTTGGGAGGTGCCATGACTTTCGGGAACTGCGGATGTCATTGCCAAG GTGGCGTTCAAGATGTACTTGGGCATCACTCCAAGCATTACTAATTGGAGCCCAGCTGGT GATGAATTCTCCCTCATTTTGGAAAATAACCCCTTGGTGGACTTTGTGGAATTCCTGAT AACCACCTATCCCTTATTTATTCCAATCTCTTGTGTGGGTGTTGCGGGGAGCTTTGGAG ATGGTCCAGATGGCTGTGGAGGCCAAGTTGTCCAGGACACCCTGAAAGGAGACGGTGTG ACAGAAATCCGGATGAGATTCATCAGGCGGATTGAGGACAATCTCCAGCTGGAGAGGAA TAA Clone variation with respect to NM_014408.3 25 a=>n;28 g=>n



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014408 unedited
 TAATACGACTCACTATAGNNGCGGCCCGCAATTCGGCACGAGGGTGGGCTGAGGGGCA
 GCGGCTTAGGCTCCGGCTCTGCAGGGTCGCCGAGCTAACCCGTGGCTAGGCGAGTGGG
 GCGGGGCGGCCGCCACCATGTGAGGCAGGCGAACCGTGGCACCAGAGCAAGAAAATGA
 GCTCTGAGCTCTTCACCTGACCTATGGTGCCCTGGTCACCCAGCTATGTAAGGACTATG
 AAAATGATGAAGATGTGAATAAACAGCTGGACAAAATGGGCTTTAACATTGGAGTCCGGC
 TGATTGAAGATTTCTTGGCTCGGTCAAATGTTGGGAGGTGCCATGACTTTCGGGAACTG
 CGGATGTCAATTGCCAAGGTGGCGTTCAAGATGTACTTGGGCATCACTCCAAGCATTACTA
 ATTGGAGCCCAGCTGGTGATGAATTCTCCCTCATTTTGGAAAATAACCCCTTGGTGGACT
 TTGTGGAACCTTCTGATAACCACTCATCCCTTATTTATTCCAATCTCTTGTGTGGGTGT
 TGCGGNGAGCTTTGGAGATGGTCCAGATGGCTGTGGAGGCCAAGTTTGTCCAGGACACCC
 TGAAAGGAGACGGTGTGACAGAAATCCGGATGAGATTCATCAGGCGGATTGAGGACCATC
 TTCCAGCTGGAGAGGAATAACCATCCTACAACCTCGAGGATAGCCATCAGGAGCACTGTTG
 GAATCAGCAGGCCTCTGTGCTNCCTCTGCCCTCCAGAAGTCACTGACTCTTGAACATGGA
 TAGTAATATATTCTTATAACCCCTGGTTCCTTCTNCCATTCAAATAAAGAAGCAGACTG
 CGATATAAGTCCATTTACCCCATGGGTGCCATTCAAGAGCGACAGTCTCTGCCCCCAT
 CCTGAAAGGGGCTGATGAATAACCTTGGNTGGACAANA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014408 unedited
 GCTCGCATTCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGGATTTCACTCAAAAATGTGT
 CTTTATTGAAGAATTTGTAAGAAAAAGATGTACCCTCTGTAAAAAGAGGAGATGTTGCC
 TCCAACAGCAGGGAGGAATGAGACCTGGGTGGCTTCCAGAAAGTCACTGTTTCCGGCATG
 ACTGGCTCCTTTCTGGCAAACACTACAATGTGTCACTACAGCTAGCAATTCCTCCCC
 ACTCCCTCCCAGCCCTTCTCCCTCCACCCACAACCCTATAGCCATTTGAGGCAATGG
 CTTTCTAAAGGCCCAGGGATAGATGTGCCAGGCTTGCCTCTTAATGGGGTCAAAGTGAGT
 TTTGCTTTGAAAAATTCAAACAGGAATGTAAATGGTTTGAGCTCTTCTAGTCCAACC
 AAAGGTGATTACATCCAGCCCTCTCAGGGAATGGGGGCAGAGACTGTCGCTCCTGAATG
 TGCACACATGGGTAAATGGACTATATCGCAGTCTGCTCTTTATTTGAATGGAGAATGGA
 AACAGGTTATAAGAATATCTAACATCCATGTTCAAGAGTAAGTGAATTTCTGGAAGGCCCA
 CGGAGCACAAAGGCCTGCTGATTCCAACAGTGTCTGATGGCTTTTCTCAGTTGTACG
 CATGTTCTTCTCTCCACTCGGAAGATGCGCTTCATCCGCTGATGAATTCATTCCGAT
 TTCTGTCAACCCGCTTCTTTCAAGTGTCTCGGACAACTTGGCTCCCCAGCCATCTGG
 ACCCATTCCAAACCTTCCCGGAACACCCCAACCATGAGATTGTATCACTCCGGATGATTGT
 TTCCCGGCATTTCCCAAGCCACCAGGGGTTTTTCCCTCAATTGAGGCACAATACTCAC
 CCTTGGCCTTCATTATCACGCTTGACGTAGTCCACCTCTTCTGCCCTCCTTGGCAGTA
 TTTCTTCCCCCAATT

Restriction Sites:

NotI-NotI

ACCN:

NM_014408

Insert Size:

1300 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_014408.3](#), [NP_055223.1](#)

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]
Transcript Variant: This variant (1) encodes isoform (1).