

Product datasheet for **SC127499**

TRAPPC2L (NM_016209) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAPPC2L (NM_016209) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRAPPC2L
Synonyms:	HSPC176; PERRB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016209, the custom clone sequence may differ by one or more nucleotides

ATGGCGGTGTGCATCGCGGTGATTGCCAAGGAGAATTACCCCTCTACATTCGCAGCACCCCTACGGAGA
 ACGAGCTGAAGTTCCACTACATGGTGCACACATCTCTGGACGTGGTGGATGAGAAGATCTCCGCAATGGG
 GAAGGCCCTGGTCGACCAGAGGGAGCTGTACCTGGGCCTGCTCTACCCACGGAGGACTACAAGGTATAC
 GGCTACGTCACCAACTCCAAGGTGAAGTTGTCATGGTGGTAGATTCTCCAACACAGCCCTTCGAGACA
 ACGAAATTCGCAGCATGTTCCGGAAGCTACACAACCTCTACACAGACGTGATGTGCAACCCCTTCTACAA
 CCCGGGGGACCGATCCAGTCCAGCAGGGCCTTTGATAACATGGTGACGTCGATGATACAGGTGTGC
 TGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016209 unedited <pre> TTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCCTCCCAAGAGGCGGTG TGCATCGCGGTGATTGCCAAGGAGAATTACCCCTCTACATTCGCAGCACCCCTACGGAG AACGAGCTGAAGTTCCACTACATGGTGCACACATCTCTGGACGTGGTGGATGAGAAGATC TCCGCAATGGGGAAGGCCTGGTCGACCAGAGGGAGCTGTACCTGGGCCTGCTCTACCCC ACGGAGGACTACAAGGTATACGGCTACGTACCAACTCCAAGGTGAAGTTTGTATGGTG GTAGATTCCCTCCAACACAGCCCTTCGAGACAACGAAATTCGCAGCATGTTCCGGAAGCTA CACAACTCCTACACAGACGTGATGTGCAACCCCTTCTACAACCCGGGGGACCGCATCCAG TCCAGCAGGGCCTTTGATAACATGGTGACGTGATGATACAGGTGTGCTGAGTGAGC TGTGCTGCCAGCCATCGCAGAGGAGCCCGCGCAGCACTGTGGTGGGGCCGTGGTCTGTT CTGGTTGCCTCTTCTGAATGGGACGCCTGGGGCTTTCAGGGCAGGCAGCTGTGCATGTT CTCTCAACTAAAGGTCTTGTGAGAGGAGATTTGGCTTTTTCTTCCGTGTCAGCCAAGGA TTTAATTAAGAAGAATTCAACTAAGGACTTTTCTGGGGTGTGGGCAGAGGTTTGGGATCA GATGGCGCANGTAGCCTGTCCTCAGTTGTCCAAAGGGCAGAGCAGGGGTGCCTGGAGCC AAGAGTTCTGAGCCTGCAGGACTGTGACCATGTGGGTCACCCACTGGCTGNACANNGTGG GCTGTCTGGAAGGGGTGGCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016209
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_016209.1 , NP_057293.1
RefSeq Size:	642 bp
RefSeq ORF:	423 bp
Locus ID:	51693
UniProt ID:	Q9UL33
Cytogenetics:	16q24.3

Gene Summary:

This gene encodes a protein that interacts with the tethering factor trafficking protein particle (TRAPP complex). TRAPP complexes mediate the contact between vesicles and target membranes, and thus, are involved in vesicle-mediated transport of proteins and lipids. The encoded protein is related to the X-linked trafficking protein particle complex 2. A related pseudogene is located on the X chromosome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.