

## Product datasheet for SC114777

### TRAPPC8 (NM\_014939) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | TRAPPC8 (NM_014939) Human Untagged Clone                                                          |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | TRAPPC8                                                                                           |
| Synonyms:                 | GSG1; HsT2706; KIAA1012; TRS85                                                                    |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >OriGene ORF within SC114777 sequence for NM_014939 edited (data generated by NextGen Sequencing) |

```

ATGGCCAGTGTGTACAATCAGTGCAGGAGCTAATCCCGGACTCCTTCGTCCTGTGTG
GCTGCGCTGTGCAGCGACGAAGCCGAGCGCTCACTCGTCTCAATCACCTCAGCTTCGCG
GAGCTGCTTAAGCCCTTCTCCGCTCACTTCCGAGGTTACATGAGAGATCCTAATAAT
CAACTTCACGTAATTAATAATTTGAAGATAGCAGTAAGCAACATTGTACCCAGCCACCT
CAGCCTGGAGCCATCCGGAAGCTTTTGAATGATGTTGTTTCTGGCAGTCAGCCTGCAGAA
GGATTAGTAGCTAATGTATTACAGCAGGAGATTATGACCTTAACATCAGTGCCACTACT
CCATGGTTTGAGTCTTACAGAGAAACCTTTCTTCAGTCGATGCCAGCATCGGATCATGAA
TTTCTGAACCACTATTTAGCATGTATGTTGGTAGCGTCATCTAGTGAAGCTGAACCTGTG
GAACAGTTTTCAAAGTTGTCAAGAAGCAGCATCGAATTCAGCACAACAGTGATTATTCC
TACCCCAAGTGGTTTATACCAAATACACTTAAATACTATGTACTTTACATGATGTAAGT
GCAGGAGATGAACAGAGAGCTGAATCAATTTATGAAGAAATGAAACAGAAATATGGAAC
CAGGGTTGCTATTTACTTAAATTAATTCTCGAACATCTAATCGAGCATCAGATGAACAG
ATACCAGATCCTTGGAGTCAGTATCTCCAGAAAAATAGTATTCAAAACCAGGAATCATAT
GAAGATGGCCCTTGACTATAACTTCAAATAAGAATTCTGATAATAACTTGCTTTTCATTG
GATGGATTAGATAACGAAGTCAAAGATGGCTTACCAAATAACTTTAGAGCTCACCCACTT
CAGTTGGAGCAATCCAGTGACCTTCTAACAGTATTGATGGCCAGATCATCTAAGATCT
GCTTCATCGTTACATGAAACAAAGAAAGGAAATACTGGAATAATTCATGGTGCATGTTTA
ACACTTACTGATCATGATAGAATTCGACAGTTTATACAAGAGTTTACATTTCCGGGCTT
TTGCCACATATAGAGAAAAACAATTAGGCAATTAACGATCAGCTAATATCAAGAAAGGT
TTGAGTCGATCTCTATTTTCTGCAACTAAAAATGGTTTAGTGGCAGTAAAGTTCAGAA
AAGAGCATTAATGACCTGAAAAATACATCTGGCTTGCTGTATCCGCCGAAGCACCAGAA
CTTCAAATCAGGAAAAATGGCTGACTTATGTTTTTGGTGCAGCATTATGATTTGGCTTAC
AGTTGCTATCATACTGCAAGAAAGATTTTCTTAATGATCAAGCAATGCTTTATGCAGCT
GGTGCCTTGAAATGGCAGCAGTGTCTGCTTTTCTCAACCAGGAGCACCTAGGCCATAT
CCTGCTCATTACATGGATACAGCAATTCAGACATACAGAGATATCTGCAAGAATATGGTG
  
```



[View online »](#)

```

TTGGCTGAAAGATGTGTGTTGCTTAGTGCTGAACTTTTAAAAAGCCAAAGCAAATATTCA
GAGGCTGCAGCTCTCCTAATACGGTTGACCAGTGAGGATTCTGATCTTCGAAGTGCACTT
CTTTTGGAAACAGGCAGCACATTGCTTTATAAACATGAAAAGTCCCATGGTTAGAAAATAT
GCATTTTCATATGATATTGGCAGGCCATCGATTTAGTAAAGCAGGGCAGAAAAAGCATGCT
TTACGCTGTTATTGTCAAGCCATGCAAGTTTACAAAGGAAAAGGCTGGTCTCTTGACAG
GATCACATTAATTTCACTATTGGCGGCCAGTCTATACTCTTAGACAGCTGGATAATGCT
GTGTCTGCTTTTAGGCATATTCTAATTAATGAAAGTAAACAATCTGCTGCTCAACAGGGG
GCTTTTCCTCAGAGAATATCTTTATGTTTACAAGAATGTAAAGTCAGCTGTACCAGATGGT
CCTTTGCCACAGCTTCCTTTACCGTATATTAACAGTTCAGCAACACGGGTTTTTTTTGGC
CATGACAGACGACCAGCGGATGGTGAAAAACAAGCAGCTACTCATGTAAGTCTTGATCAA
GAATATGATTCTGAATCCTCTCAGCAGTGGCGAGAACTTGAGGAACAAGTTGTTTCTGTG
GTTAACAAAGGAGTAATCCATCCAATTTTCATCCACACAATACTGTTTGAACAGTTAC
TCAGATAATTCAAGATTTCCACTTGCAGTTGTAGAAGAACCAATTACAGTGGAAGTGGCT
TTTAGAAACCTTTGAAAGTTCTACTTTTGTGACTGATTTGTCATTGCTTTGGAAGTTT
CATCCTAAAGATTTCACTGGAAAGGATAATGAAGAAGTTAAACAATACTAGTTACAAGTGAA
CCTGAAATGATTGGAGCTGAAAGTTATTTAGAGTTCTTAATTAATGGCGAAGAATCAAAA
GTGGCAAGACTAAAGCTCTTTCCCATCACATAGGGGAGCTGCATATTCTGGGAGTTGTT
TATAATCTTGGCACTATTGAGGGCTCTATGACAGTAGATGGCATTGGTGTCTTCCCGGA
TGTCACACAGGAAAAATATTCCTTGAGTATGTCAGTCCGAGGGAAGCAGGATTTAGAAAT
CAAGGTCTCGACTTAACAACACAAAAGAAGAGAAAACATCTGTTAAATATGGCCCTGAT
CGACGTTTAGATCCCATAAATCACAGAAGAAATGCCACTGTTGGAGGTGTTCTTTATACAT
TTTCTACAGGGCTTCTCTGTGGAGAAATCCGAAAAGCATATGTAGAATTTGTCAATGTC
AGCAAAATGTCCACTTACTGGATTGAAGGTTGTTTCTAAACGTCCAGAGTTCTTTACTTTT
GGTGGTAATACTGCTGTTCTAACACCACTAAGTCCCTCAGCTTCTGAGAATTTGTAGTGCT
TACAAGACTGTTGTGACAGATGTACCTCTGTGTACAGCACTCATATCATCAGTTCT
TCTGTAGACTTTGGCATTGGCACAGGAAGTCAACCAGAGGTGATTCTGTTCCCTTCTCT
GACACTGTTCTTCTACCCGGAGCCTCAGTGCAGCTGCCAATGTGGTTACGTGGGCCTGAT
GAAGAAGGTGCCATGAAATTAACCTTTTGTGTTTACTATGAAAGTGTCAAAAAGCAGCCA
AAAATACGGCACAGAATATTAAGACACACTGCAATTAATTTGTACCAGTCGGTCTTTAAAT
GTACGGGCCACTGTCTGCAGAAGTAATTCTCTTGAAAATGAAGAAGGCAGAGGAGGCAAT
ATGCTAGTCTTTGTGGATGTGGAATAACCAATACTAGTGAAGCAGGCGTTAAGGAATTC
CACATAGTGCAAGTATCAAGTAGTAGCAAAACACTGGAAGTTACAGAAATCTGTAATCTT
TCTGAAAACAAAGATACAAAACCTTGCCAGTAGGGAGAAGGGAAAGTTTGTCTTAAGGCA
ATAAGATGTGAGAAAGAAGAAGCGGCCACACAGTCCTCTGAAAAATATACCTTTGCAGAT
ATCATCTTTGAAATGAACAGATAATAAGTTTCAGCAAGCCCATGTGCAGACTTCTTTTAT
CGAAGTTTATCTTCTGAATTGAAAAACCAAGCTCACTTGCTGTGCATACAGAAAAA
CAGTCAACAGAGGATGCTGTGAGATTGATTCAAAAATGCAGTGAGGTAGATTTGAATATT
GTCATATTATGGAAGGCATACGTTGTGGAAGACAGTAAACAGCTTATTTTGAAGGTCAA
CATCATGTTATTCTTCGCACTATAGGAAAAGAAGCCTTTTCATATCCTCAGAAACAGGAG
CCACCAGAAATGGAACATTGAAATTTTTCAGGCCAGAAAACATTACAGTTTCCTCAAGG
CCATCAGTAGAGCAGCTTTCTAGTCTCATTAAACGAGTCTTCACTACCCAGAATCATTT
AATCATCCATTTTCATAAAAAGCCTTTGTTTAGTACCAGTCACTCTTTTACTTTCCAAT
TGTTCTAAGGCTGATGTAGATGTCATAGTTGATCTTCGGCATAAAACAAGTCCAGAA
GCACTGGAATCCATGGATCATTCACATGGCTTGGAACACAGTATAAACTTCAACTT
AAAAGCCAGGAGATTCACAGTCTGCAGCTGAAAGCATGCTTTGTTACATACAGGTGTTTAT
AACCTTGGAACCTCCTAGGTATTTGCCAAGTTATCGGACCAAGTTACAGTGTGTAACA
AGTCAGCAGAATTCATGCCTGCCTGATCATCATCAGTAATGTGTGA

```

Clone variation with respect to NM\_014939.3

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_014939 unedited  
 TAATTGTATACGACNACTTTAGGCGGGCCGCGATTTCGGCACGAGGGTTGGTCAGGGTTTCG  
 GCCTCAACATGGCGGTTCCGGCCGGGCGAGTGACCAAGGTTTTGCCGTCCGAAGGACTAAG  
 TGGTGACTGTGCGCGTCTCCACCTATCGGGGTGGAATGCGAGCACGCGGGGACGAGCGCT  
 GAGAAGCGGCGGTGACGGGAAGGGGGGGTCACTGGATTGTGCCCCAGAAACCGAAGCGG  
 CGGCGTCTGTTCTTCTTGTCTTAGGCTCCAGTGCGTTTCGGGGCCCCCGCCGGCCGGCC  
 CAGGCCGGCGGGCGGCGGCGGTAGCTGCTGCAGCCGAGGATAACCTCGCAGGGTGGGCC  
 GGAGGGCGGGCGGCGCCGCTGCTGTGCTGCGGCGATGGCCCACTGTGTACAATCAGTGC  
 AGGAGCTAATCCCGGACTCCTTCGTCCTTGTGCTGCTGCGCTGTCAGCGACGAAGCCG  
 AGCGGCTCACTCGTCTCAATCACCTCAGCTTCGCGGAGCTGCTTAAGCCCTTCTCCCGCC  
 TCACCTCCGAGGTTACATGAGAGATCCTAATAATCAACTTCACGTAATAAAAATTTGA  
 AGATAGCAGTAAGCAACATTGTACCCAGCCACCTCAGCTGGAGCCATCCGGAAGCTTT  
 TGAATGATGTTGTTTCTGGCAGTCAGCCTGCAGAAGGATTAGTAGCTAATGTGATTACAG  
 CAGGAGATTATGACCTTAACATCAGTGCCACTACTCCATGGTTTGAGTCTTACAGAGAAA  
 CCTTTCTTCAGTCGATGCCAGCATCGGATCATGAATTTCTGACCACTATTAGCATGTATG  
 TTGGTAGCGTCATCTAGTGAAGCTGAACCTGTGGGACAGTTTCCAAAGTTGTACAAAGAA  
 CAGCCATCGATTCAGCACACAGTGGATATTCCTACNCNAGNTGGTTTATACAAATACA  
 CTTAATACTATGTC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_014939 unedited  
 CGCGGCACGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTACAGTGAATAGC  
 ATGTCTTTATTCTATTTACAGTATATTTGTTATAAATATAATACATTTTTGAAAAGCTTA  
 TTTTAATTAACCTTGAGATTTATATTTAAACAGATCAACTCAATAGTTAACGTTATATA  
 ATAAAGAATATGGTAATTTTAATGACAAAAATCGTATTGTGAAATAGCGCACTCTATACT  
 GAGATGAATGAGGGGAAAAAAGTCAAACTCCTTTCAAACTATATTCAAAGCATCAGAA  
 AAAATTTTTTTTTCTTTTACAAAGTTATGTATAAGTCATAGGGACCACCAATACTGAA  
 ATATGAAGACTCTATGACCAAAGTTCAAACTGATTTTAAGGAACTGTGTGAAGCAAGAC  
 AGGAAAAATTTGTATTTAAGCACTCTATAGAACTTCACAGTAAAGCTGGAATTTAGAGACTA  
 ATGGCTTAACAGGAGTACTGCCAACAAGGCCTTTCCTTTCTCAGAATCATCTCCTAATAT  
 TCGTATACCATTTGACAAGTTGTAAACAGCAGACTTAGACTTTGTGTTTTCTTAAGATGGGG  
 CTTAATAAGGTGCACAAATATGCAGATATCCTGTATTATGAGCATGTAAATATTCTCAG  
 GGTTTAAAGAAATACAGAAAAAGAATGTTAAGTATTCTCAGTCCAACGTGCTTTGCATCA  
 TCAACAAAATGACAAGTCAAAGTATTTTGCAGGGATCAGATATCAATCAACCTCCATAAC  
 AAGTTAGGTATATCAAATACTGCTGNTAAACCATCCAGCANAAGTATTATTGTGGATTT  
 CAGTACAATTTCCAGNTGTCCACATACTGAGATGATCAGGCAGCATGGAATCTGCTGACT  
 GTTCAACACTGTACTGGTCCCATACTGCAATACCTAGAGTNCAGGTATAACACTGTTG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_014939

**Insert Size:**

6000 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\\_014939.2](#), [NP\\_055754.2](#)

**RefSeq Size:** 5493 bp

**RefSeq ORF:** 4308 bp

**Locus ID:** 22878

**UniProt ID:** [Q9Y2L5](#)

**Cytogenetics:** 18q12.1

**Gene Summary:** May be involved in endoplasmic reticulum to Golgi apparatus trafficking at a very early stage.  
[UniProtKB/Swiss-Prot Function]