

## Product datasheet for **SC330287**

### TMEM249 (NM\_001252402) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TMEM249 (NM\_001252402) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TMEM249  
**Synonyms:** C8ORFK29  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330287 representing NM\_001252402.  
**Blue**=Insert sequence **Red**=Cloning site **Green**=Tag(s)

ATGCCTAAGGGCCGGCCGGCAGCCTGCCACGACCTCCATCGGCTGGCGCTTCCAGCTCTGGTTCTTA  
GGACTCACCTGCCGGAGCGCCACCTGGCCAGACGCTCAAGAACAATAGCTTCTACCCATTCTGTCAG  
CAGGAGCCAAACGTCTTCGTGCTCGAATACTACCTGGACACACTGTGGAAGGGGATGCTGCTTTCATC  
ATCAGCGTGGTCTGGTCAGCTTCAGCTCCCTGAGAGAGGTGCAGAAGCAAGAGACCTGGGTCTTCCTC  
GTGTACGGCGTGGGCGTGGGCTGTGGCTCGTGATCTCGTCGCTGCCGCGGCCGCGCTGGTGTGAAC  
CACACGCGCGGCGTGTACCACTTCTCCATCCAGGGCCGCACCGTGTGCCAGGGCCCTTGCATCTGGTC  
TACGTGCGCTGGCGCTAGCTCCGATGCCACGGAAGGTGCTTCTCCACCTGGTCTCGCGGCCAC  
AGGTTGGAGCCCCTGGTGTGGTGCAGCTGTGGAGCACTACGAGCAAATGGAATACTTGGGCCGTTAC  
ATCGCCCGGAACTCAACATCACTACTTCGACTACCTGGCCACCTCTACCGGCACGTGGTTTCCGCAC  
TGGCCACCCCCTGGCGCTGGCACTGTGATGGGCAAGAGCCCCATGGGTCAAGCCAGCTCCTCTCAG  
TCCAGCCTGGAGGTGTGA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001252402  
**Insert Size:** 708 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).



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**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\\_001252402.2](#)

**RefSeq Size:** 994 bp

**RefSeq ORF:** 708 bp

**Locus ID:** 340393

**UniProt ID:** [Q2WGI8](#)

**Cytogenetics:** 8q24.3

**MW:** 27 kDa