

Product datasheet for **SC213534**

C22orf25 (TANGO2) (NM_152906) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | C22orf25 (TANGO2) (NM_152906) Human 3' UTR Clone |
| Symbol: | C22orf25 |
| Synonyms: | C22orf25; MECRCN |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_152906 |
| Insert Size: | 2000 bp |



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Insert Sequence: >SC213534 3'UTR clone of NM_152906
 The sequence shown below is from the reference sequence of NM_152906. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAACCTATGAGTTCACACTGCAGAGCTAACCCACCTCTGGCCTGGCCAGTGGGCTCCTGGGGGCC
CTGCCCTTGAGGGGCACTGTGGACAGGAAACCTTCTTTGCCATACTGCATTGCACTGCCCGTGGCTTGG
CCAGCATCCCCGGATCAGGGCCCTGTGGTTTGCGTGTTACCCATCTGTGTCCCATGCCAGTTTCAGG
GTCTGCCTTTATGCCAGTGAGGAGCAGCAGAGTCTGATACTAGGTCTAGGACCGGCCGAGGTATACCAT
GAACATGTGGATACACCTGAGCCACTCTTGCACATGTACACAGGCACTCACATGGCACACACATACAC
TCCTGCGTGTGCACAAGCACACACATGCAAGCCATATACATGGACACCGACACAGGCACATGTACGTGC
ACAGGTGTGCTACACATGTGCACACATGCACAGTTGCACAGACACACACACAGGTGCACACACACGA
TGCCGAACAAGGCAGAAGGGCGACTCTCACCTCTCATGTGCTTCTGGCCAGTAGGTCTTTGTTCTGGTC
CAACGACAGGAGTAGGCTTGTATTTAAAGCGGCCCTCTCTCCTGTGGCCACAGAACACAGGCGTGC
TTGGACTCTTGACAAGCAGACCTGCTCCTGCAGAGGAGACAGCCACATTTGGAATTGGGCACCGAGAAG
ACCTGAGAAAAACCCACTCTCTTTTTTTTTTTTTTGTAGACGGAGTCTTGTCTGTCCACCCAGGCTGG
AGTGCAGTGGCACGATCTCGGCTCACTGCAACCTCCGCTCCCAAGTTCAAGCAATCTCCTGCCCCAG
CCTCCTGATTAGCTGGGATTACAGGCGTGTGCCACCATGCCAGCTAATTTTTGTGTTTTAGTAGAGA
CGGGGTTTACCATGTTGGTCAGGCTGGTCTTGAACCTCTGACGTGGTGATCCACTGCCTCGGCCCTCC
CAAAGTCTGGGATTACAGGCGTGAGCCACCACGCCTGGCCGAAAAACCCACTCTCATAACAGAAGTGC
AGACTCATTGCTAGATTCAAGTGCCTTGTAGTGTGCCAGAGTCTCTGTGTTTGTAGACAATCCTGTGTG
TGCCAGGAGGCTCCGTGTGCACCAGGGCTCTCAGAATCCCGCTTACCCAGCTGGAGACCATGCCTCTG
GCAGCCCCATCTCAGCCAGCCCTGCTCTCTCCCTCTTCCCTCCAGGTGAGGCAAACCTTCATAGGAATCT
GTACCTGAATGTGAGCTCCTGATAATAAACTCTGAGGCTTTGGTGTGAGCGCATTTGAGGCTTTCCCT
TGTATGCAGGGTGCCAGTGGGAGCTGCTATGTCTCCTGTGCAGCCAGACACCCTGGACGAGGCCCTTCC
CACCTCCCCCTTCTCACGGCTTCTTCCAGCACCACATGTGGATGCCTGTGGGTGAGTCCATCTGTCCA
TGGGCAGGGGCCGCTGTGAGAGACCCATGCGCGTGGGATGTGGTGTGATGCTGATTATGGGGCCAGCCA
CCCATACAGGTCTATCAGGTCGCAATGGAGGCCCACTGGAGCGGGAGGCAGGCTGGCCTGGACTCTGTG
TTGGATGATGGGGCCAGGGGATGGTAGGAGGGGCAGGAGCAGGTCTGCATCTGTCTCAGCCCCAGG
AGCTCCTGGTTTGGGGCCAGCTTAAGGAGCTTATCCCTGAGCCTGGCCGAGTATAAGGGGGTCCCGG
ATATCCAATGCTGAGACCTAGACTTTTCTAAGCCTCTGCACCCAACCCCTAACTTGGCCTTTTCAGACC
CATGAGAGTGCAGGGTGGGTGTGGACCTGCGCCAGGGCTTCCCAGCCTGATTGTGACATGATGTGAGTC
CACCTAGGGAGGAGCAGGGGCTCCCCGTCTTCCCCTTCTTGGCCAGACCACTTTGCTGGGCTCAGA
GCCTTCCATGGCTCACTTTGAACTCAGAAGAGTTTCCCAGCTGCGACCCAGGCTGCACCCCCAGGCCT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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- Restriction Sites:** Sgfl-Mlul
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
- Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
- RefSeq:** [NM_152906.7](#)

Summary:

This gene belongs to the transport and Golgi organization family, whose members are predicted to play roles in secretory protein loading in the endoplasmic reticulum. Depletion of this gene in *Drosophila* S2 cells causes fusion of the Golgi with the ER. In mouse tissue culture cells, this protein co-localizes with a mitochondrially targeted mCherry protein and displays very low levels of co-localization with Golgi and peroxisomes. Allelic variants of this gene are associated with rhabdomyolysis, metabolic crises with encephalopathy, and cardiac arrhythmia. [provided by RefSeq, Apr 2016]

Locus ID:

128989

MW:

72.4