

Product datasheet for SC125456

TBC1D22B (NM_017772) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D22B (NM_017772) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D22B
Synonyms:	C6orf197
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_017772 edited

```

ATGGCCGCTGAGAACAGCAAGCAGTTTTTGAAGAGGAGCGCTAAGCTGCCGGGGAGCATT
CAGCCTGTATATGGAGCACAGCATCCTCCTCTTGACCCACGGCTCACAAAAATTTTCATT
AAAGAAGGATCAAAAGTCAACACAGTTCTCTGAAGAATAAGAAGGCCTCCAGTTTTTCAT
GAGTTTGACGGAATACCAAGTGATGCTTGGGACATTGGCGATGATGAGGAAGAGGACTTT
TCCTCACCTTCTTTCCAACTCTGAACCTCAAAAGTTGCTTTGGCACTGCAGCCCAAGTT
CTAGAAAACACAGCAAGCTGAGAGTAAAACAGAACGGTCCCAGTCAACGACATCGGAC
GTCCCTGCCAACTACAAGGTCAAAAGTCCAGCAGTGATGCCAGCTGTCCAGAACTCT
AGTGATACATGCCTGAGGAACCACTCCACAAACAGCAATCACTCCCTCTCCGGCCCATC
ATCCCCCTCGTTGCCGGATCTCGGATCAGAACGCTTCTGGGGCCCCCAATGACTGTC
CGGGAGAAAACCCGCCTAGAAAAATTCGTCAGCTTCTCTCCAGCCAGAACACTGACTTA
GATGAACCTGAGGAAGTGTAGCTGGCCAGGGTTCCAGGGAGGTTCCGACCTATAACCTGG
AGACTCCTGTGCGGCTATCTCCAGCAAACACTGAGAGGAGGAAGTTGACCTGCAGCGG
AAGCGGGAGGAATATTTGGCTTCATTGAACAGTATTATGACTCTCGAAATGAGGAACAT
CACCAGGATACCTACAGACAGATTACATTGACATTCCAAGGACGAATCCTCTCATTCCG
TTGTTCCAGCAACCACTTGTACAGGAGATCTTTGAAAGAATTCTATTTATTTGGGCCATC
CGCCACCCTGCCAGTGGGTATGTCCAGGGAATTAATGACCTGGTCACTCCATTCTTTGTC
GTCTTCTCTCAGAATATGTGGAAGAGGATGTGGAGAACTTTGACGTGACCAACTTGTC
CAAGACATGCTGCGAAGCATTGAGGCTGACAGCTTTTGGTGCATGAGCAAGCTGTGGAT
GGAATCCAGGATAACTACACCTTTGCACAACCAGGAATCCAGAAGAAGGTGAAGGCACTG
GAAGAGCTTGTCAGCCGATTGATGAGCAGGTACATAATCACTTCAGGAGGTACGAGGTA
GAATACCTGCAGTTTGCCTTCCGCTGGATGAACAACCTGCTTATGCGGGAGCTTCTCTT
CGCTGCACCATCCGCCTGTGGGACACATATCAGTCTGAACCAGAAGGTTCTCCCACTTT
CATCTCTACGTGTGTGCAGCCTTCTTGATCAAGTGGAGGAAAGAGATCTTGATGAGGAG
GATTTTCAGGGTCTCCTCATGCTGCTACAGAACCTACCTACAATACACTGGGGCAACGAA
GAAATTGGGCTGCTTCTCGCCGAGGCATACAGACTCAAGTACATGTTTGCCGATGCCCA
AATCACTACCGCGATAG
  
```


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017772 unedited
 ACTATAGGCGGCNCGGATTTCGGCACGAGGCCAGGAGCTGGGAGCGGGTGACCGGCGGG
 GGGGAAGCGGCCTGGGTTGGCCCTCAGATTGCGGGGTCTGGGGGCATCTCGCCGGGCAAA
 CCCTTGGCCCGCTACAAGGACTTCCCCGGCCAGAGCAATGGCCGCTGAGAACAGCAAG
 CAGTTTTGGAAGGAGCGCTAAGCTGCCGGGGAGCATTACGCTGTATATGGAGCACAG
 CATCCTCCTCTTGACCCACGGCTCACAAAAATTTTATTAAAGAACGATCAAAAGTCAAC
 ACAGTTCTCTGAAGAATAAGAAGGCCTCCAGTTTTTCATGAGTTTGCACGGAATACCACT
 GATGCTTGGGACATTGGCGATGATGAGGAAGAGGACTTTTCTCACCTTCTTTCCAACT
 CTGAACCTCAAAAGTTGCTTTGGCAACTGCAGCCCAAGTTCTAGAAAACACAGCAAGCTG
 AGAGTAAAACAGAACGGTCCCAGTCAACGACATCGGACGTCCTGCCAACTACAAGGTC
 ATAAAGTCCAGCAGTGATGCCAGCTGTCCAGAACTCTAGTGATACATGCCTGAGGAAC
 CCACTCCACAAACAGCAATCACTCCCTCTTCGGGCCCATCATCCNCTCGTTGNCCGGATC
 TCGGATCAGAAACGCTTCTGGGGCCCCCAATGACTGGTCCGGGAGAAAACCCGNNCTA
 GAAAAATNCGTCAGCTTCTCTTCCAGCCAGACACTGACTTANATGACTGNANNGAGTGGA
 NCTGGCCAGGGGTTTCAAGGGGGGTTTCGACCTATACCTGGAGACTCCCTGTCTGGGCT
 ATCTCANCACTGAGGGAGGGAGAANTTACCCTGCGCGGAAGCGGAGGAAAAATTTGGC
 TTCTTTGACAGTTTATGACTCTCGAATGAGGAAATCCCGGAACCTACGCACGATTCACT
 GACATTCAAGACAATCTTCTTTTTTCGTGTTTACACACTGTNGAGGAGGAATTTGAAGAT
 TTTTTTTTGGCCATCCACCTCGCCGGGGGTGTCCAGGAAAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017772 unedited
 GGGGCTGTTGGGAATAACACCNCATTTNATTTACAATTNCTTTTNCACCTTTNTNGCCAC
 AATTTCCCATACAAACATAAAAACTAAAAAATAAAACCACCACTTGGGAACACAAGTGT
 CTTTCTTTAATTAGTCCGGTTGAGGGAGGTCTCAAGCCCTCTCACTCTATGAAGGAGAC
 CACTGAGGCACACCGAAGGGGAAAAGGAAGAGGGTTGGGAAGAATGCCTGAGAAACAGCT
 CCAGATGAGAAACCTAACTCACACCGATGTGGTGGGGCCTCACTGGCAAAGAGACTTGAG
 GGTGTTACCCACCAGGGACACTGCTCGGCTTCCAGGAGGATGACAGCTGCTGGCCCCCA
 TCCCCCACCCTCCACTACCAATACCAAACTCAAACAGGGGTACACATCTCATGAGC
 TGTGTGGGGAGTGAAGGTGACAGTAAGGGATATGGAGTGCTGCTCTGAGAAGAGCCCC
 AAACCCGAGGGACACACAAGAAGCCCTTTCTTGGCACTGAGTCTTCACTCACAGCTTC
 TGTCGGAATACAATGCTGAACCTGAAAACGTAAAAACAAAGCCCTCCCAGATTCCGGG
 GAAGGTGGAGATAAAAAACATAGAGAGGGCTTGCCCGCCTCTGCAGTCCCTTCTCGGG
 AGGCTGCTAGGAGCAAAGGGCAGATGCTCCAGGAAAGTCTGGGGGTTGGGGGGCGGGGTG
 AAGAAAGGGGCGAGGAGGACTCTGAGACACTGATGCTTGGGATGGCTCCAGCTGCTCAGC
 TACTCACTTCAGCAGCTCCCGTTCTACCCCTCACAGCAGGACACCCAGAACCAACCTGG
 NAGTGCTGAAGCCACCTTCTGGGCACTTCTCTGTGCTAGTGACCTAGATTGCTTTCAC
 ATGTTGATGCACATTATAAATATAAATCATATCTGCTACAAAGAGGACAT

Restriction Sites:

NotI-NotI

ACCN:

NM_017772

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:	<u>NM_017772.2, NP_060242.2</u>
RefSeq Size:	3477 bp
RefSeq ORF:	1518 bp
Locus ID:	55633
UniProt ID:	<u>Q9NU19</u>
Cytogenetics:	6p21.2
Gene Summary:	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the protein.