

Product datasheet for **SC126000**

TBC1D22A (BC002743) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D22A (BC002743) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D22A
Synonyms:	C22orf4; HSC79E021; OTTHUMP00000028753; putative GTPase activator; TBC1 domain family, member 22A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC002743 edited

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CCCCGGAGCAGTGAAGGGCCACCCGGGGCACAGGAAAGGGCCGCTAGGGGAGGGCCGGT
GCACTCGGGGTGTCTGGGCCGCGGTCTGAGGGATGAGGAGGGGCCATGGCCAGCGACGG
GGCCAGGAAGCAATTTCTGGAAGCGCAGCAACAGCAAGCTCCCGGGCAGTTTGCTCAGGTC
CACGGCCAAGATGCCGACCACACAGTGAAGGCCAAGAGGGTCAGCACCTTCCAGGAGTT
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CAGGCCCCGAGGCAGAGCCGCCCTCACCCCCAGCGCGACCTCCGGCTGGTGAAGTCGGT
CAGTGAGAGCCACACGTCTGTCTGCAGAGGAATTACGGAGGTTGAGCTGGTCCGAAT
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AAGGATCTTGTTTATATGGGCGATCCGCCACCCAGCCAGTGGATACGTTACAGGTATAAA
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GTCTGAACCGGACGGCTTTTCTATTTCACCTTGACGTGTGCGCTGCTTTTCTCGTGAG
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GGTCCCTCTCCCTCTCCCTGCAATGTCCTTGCCAAATGACTGCCTCCTGCTGCCCTAG
TCCGGGGCAGCCTAGGAGGCCACCCCTTTGGAGTCTGCTGTCTGGGTGCCAGGGCCG
GAACGAGGTAGTGCCATCTCATACCTACTCTGAAATGCAAAACTTCTATTCTGTTGAGT
GAAAGAATAAAATGTAGACAAAAA

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5' Read Nucleotide Sequence: >OriGene 5' read for BC002743 unedited

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GAGGACAGGATTTTGTAAACGACTCATATAGGCGCCGCGTAATTCGCACGAGGCCCGGG
AGCAGTGAGGGGCCACCCGGGGCACAGGAAAGGGCCGCTAGGGGAGGGCCGGTGCACTC
GGGGTGTCTGGGCCGCGGTCTGAGGGATGAGGAGGGGCCATGGCCAGCGACGGGCCAG
GAAGCAATTTCTGGAAGCGCAGCAACAGCAAGCTCCCGGGCAGTTTGCTCAGGTCCACGGC
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CAATACCAGCGATGCCTGGGACGCTGGGAGGACGACGATGAGCTCCTGGCCATGGCGGC
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GAGCCACACGTCTGTCTGCAGAGGAATTACGGAGGTTGAGCTGGTCCGAATCCCTAA
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CGATTCTAGGAACGACGAAGTTCACCAGGACACATACAGGCAGATCCACATAGACATCCC
TCGCAGGAGCCCTGAAGCGTTGATCCTGCACCCAAGGTGACGGAGATTTTGGAAGGATCT
TGTTATATGGGCGATCCGCCACACCCGTGGAACCTTCAGGGTAAAAAGATCTCGTCATC
CTTTCT

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Restriction Sites: NotI-NotI

ACCN:	BC002743
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>BC002743.2</u> , <u>AAH02743.2</u>
RefSeq Size:	1897 bp
Locus ID:	25771
Cytogenetics:	22q13.31
Protein Families:	Druggable Genome
Gene Summary:	May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]