

Product datasheet for SC336134

TBC1D22A (NM_001284303) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBC1D22A (NM_001284303) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBC1D22A
Synonyms:	C22orf4; HSC79E021
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336134 representing NM_001284303. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAGCGACGGGGCCAGGAAGCAATTCTGGAAGCGCAGCAACAGCAAGCTCCCGGGCAGTTTGCTC
AGGTCCACGGCCAAGATGCCGACCACACCAGTGAAGGCCAAGAGGGTCAGCACCTCCAGGAGTTTGAG
AGCAATACCAGCGATGCCTGGGACGCTGGGAGGACGACGATGAGCTCCTGGCCATGGCGGCGGAGAGC
CTGAACCTCGAGGTGGTCATGGAGACGGCCAACCGTGTGCTGCGTAACCACAGCCAGCGGCAGGGGGCG
CCCACGCTGCAGGAGGGGCCAGGGCTTCAGCAGAAGCCAGGCCGAGGAGCCGCCCTACCCCCC
AGCGGCGACCTCCGGCTGGTGAAGTCGGTCAGTGAGAGCCACACGTCCTGTCCTGCAGAGGAATTACGG
AGGTTGAGCTGGTCCGGAATCCCTAAGCCAGTGGTCCAATGACGTGGAAGCTCCTCTCAGGTTACCTT
CCCGCCAATGTAGACCGGAGACCAGCCACTCTCCAGAGAAAACAAAAAGAATATTTTGCATTTATTGAG
CACTATTACGATTCTAGGAACGACGAAGTTCACCAGGACACATACAGGCAGATCCACATAGACATCCCT
CGCATGAGCCCTGAAGCGTTGATCCTGCAGCCCAAGGTGACGGAGATTTTGAAGGATCTTGTTTCATA
TGGGCGATCCGCCACCCAGCCAGTGGATACGTTTACGGGTATAAATGATCTCGTCACTCCTTTCTTTGTG
GTCTTCATTTGTGAATACATAGAGGCAGAGGAGGTGGACACGGTGGACGTCCTCCGGCGTGCCCGCAGAG
GTGCTGTGCAACATCGAGGCCGACACCTACTGGTGCATGAGCAAGCTGCTGGATGGCATTTCAGGACAAC
TACACCTTTGCCAACCTGGGATTCAAAATGAAAGTGAAAATGTTAGAAGAACTCGTGAGCCGGATTGAT
GAGCAAGTGCACCGCACCTGGACCAACACGAAGTGAGATACCTGCAGTTTGCCTTCCGCTGGATGAAC
AACCTGTGATGAGGGAGGTGCCCTGCGTTGTACCATCCGCTGTGGGACACCTACCAGTCTGAACCG
GACGGCTTTTCTCATTTCCACTTGTACGTGTGCGCTGCTTTTCTCGTGAGATGGAGGAAGGAAATACTA
GAAGAAAAAGATTTTCAAGAGCTGCTGCTTCTCCAGAACCTGCCACAGCCCACTGGGATGATGAG
GACATCAGCCTGTTGCTGGCCGAGGCTACCGCTCAAGTTTGTCTTTGCCGACGCCCAATCACTAC
AAGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001284303
Insert Size:	1320 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:	<ol style="list-style-type: none">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_001284303.1
RefSeq Size:	3563 bp
RefSeq ORF:	1320 bp
Locus ID:	25771
UniProt ID:	Q8WUA7
Cytogenetics:	22q13.31
Protein Families:	Druggable Genome
MW:	50.9 kDa
Gene Summary:	<p>May act as a GTPase-activating protein for Rab family protein(s).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks two alternate in-frame exons in the 5' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>