

Product datasheet for SC317703

TEDC2 (NM_025108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TEDC2 (NM_025108) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEDC2
Synonyms:	C16orf59
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317703 representing NM_025108. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGCTGCCGGCGGGCTGCTCGCGCCGGCTGGTGGCCGAGCTGCAGGGCGCCCTGGACGCCTGCGCACAG
 CGACAATTGCAATTGGAGCAGAGCCTGCGCGTTTGCCGTCGGCTGCTGCATGCCTGGGAACCAACTGGG
 ACCCGGGCTTTGAAGCCACCTCCAGGGCCAGAACTAATGGAGAGGACCCCTTCCAGCATGCACACCC
 AGTCCACAAGACCTCAAAGAGTTGGAGTTTCTGACCCAGGCACTGGAGAAGGCTGTACGAGTTCGAAGA
 GGCATCACTAAGGCCGGAGAGAGAGACAAGGCCCCAGCCTGAAATCTAGGTCCATTGTCACCTCTTCT
 GGCACGACAGCCTCCGCCCCACCGCATTCCCCAGGCCAAGCTGGTGGCCATGCTTCAGACACGAGACCC
 ACCAAGGGCCTCCGCCAGACCACGGTGCTGCCAAGGGCCACCCTGAGCGCCGGCTGCTGTCACTGGGG
 GATGGGACCCGTGTTGGGATGGGAGCCCCGAACCCAGGCTGGGGCGGGCCTCAGGGACCAGCAATG
 GCCCCATCCGCTGCTCCTCAGGCCCCAGAAGCCTTCACACTCAAGGAGAAGGGGCACCTGCTGCGGCTG
 CCTGCGGCATTACAGAAAGCAGCTTCCAGAACTCGAGCCTGTGGGCCAGCTCAGTTCCACACAGACC
 AGTGATTCCACGGATGCCGCCGTGCCAAAACCCAGTTCTCCAGAACATGCAGACAGCTTCAGGCGGG
 CCCAGCCCAGGCTCAGTGTGTGGAGGTGGAGGCGGAGGCGGGCGCCTGCGGAAGGCCTGCTCGCTG
 CTGAGACTGCGCATGAGGGAGGAGCTCTCGCAGCCCCATGGACTGGATGCAGGAGTACCGTGCCTG
 CTCACGCTGGAGGGCTGCAGGCCATGGTGGCCAGTGTCTGCACAGGCTGCAGGAGTGCCTGCAGCG
 GTGGCGGAACAGCCACCAAGACCATGTCTGTGGGAGGCCCCCGGAGCCTCGCCGTCTGTGGGGGT
 AGAGCGGAGCCTGCATGGAGCCCCAGCTGCTTGTCTACTCCAGCACCCAGGAGTGCAGACCCTGGCG
 GCCCTCAAGCTGCGAGTGGCTGTGCTGGACCAGCAGATCCACTTGGAAAAGGTCTGATGGCTGAATC
 CTCCCCCTGGTAAGCGCTGCACAGCCGAGGGGCCGCCCTGGCTGGCCCTGTGCCGGCTGTGCACAGC
 CTGCTCTGCGAGGGAGGAGCACGTGCTTACCATCTGCGGGATGAACCTGCAGTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025108
Insert Size:	1302 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_025108.2</u>
RefSeq Size:	1650 bp
RefSeq ORF:	1302 bp
Locus ID:	80178
UniProt ID:	<u>Q7L2K0</u>
Cytogenetics:	16p13.3
MW:	46.4 kDa
Gene Summary:	Acts as a positive regulator of ciliary hedgehog signaling. Required for centriole stability. [UniProtKB/Swiss-Prot Function]